What is a **Wireless Clock System?**

A wireless clock system is simply a system controller, sometimes called a master clock, that pulls time from an Ethernet connection, GPS satellite or cell phone tower. The system controller transmits a wireless signal and sends it directly to each wireless clock.

No repeaters are necessary! American Time's SiteSync IQ® System Controllers and transmitters are powerful enough to cover an entire facility or campus, and the signal doesn't interfere with any other equipment.

How Can a Wireless Clock System Help You?

Save Time and Money: New and existing buildings can save thousands of dollars in labor and materials by choosing a wireless clock system instead of a wired clock system.

Easy to Install: Simply find the proper location, mount the antenna, set up the SiteSync IQ System Controller, follow the Quick Start guide and hang the battery clocks anywhere you choose. No special license or expertise is needed!

Design and Installation Assistance: Install the system yourself or have a contractor do it for you. Either way, step-by step guidance from a Wireless Clock Expert is available via telephone.

SiteSync IQ®

Why Choose SiteSync IQ®?

Complete Coverage: Facilities and campuses achieve coverage using only one transmitter with a five to 40 watt system controller.

Free, Convenient System Control: Control your entire system from the convenience of your computer with our free Remote Connect web server included with your SiteSync IQ Ethernet time sync option.

Easy to Use: Our system controller seamlessly integrates a new wireless clock system with existing wired systems. The Remote Connect web server allows you to adjust clocks and schedules from any computer connected to the Internet.

The Best of Both Clock Worlds: Create a hybrid clock system that runs your existing wired clocks and new wireless clocks. Add wireless clocks where and when you can afford to, according to your budget.

The Only Hybrid Wired/Wireless Clock System

Looking for a wireless system that seamlessly integrates with your existing wired systems–all running on a single system controller? Look no further! SiteSync IQ® is available with optional clock circuits and six user programmable signal circuits. Each circuit will run a portion of your existing system, such as wired clocks, bells, lights, door access, your PA system and more. As your wired clocks fail, you can phase in wireless clocks for greater flexibility and spot-on accuracy.

Replacing your failing wired master with a Site Sync IQ® system controller to run your wired clocks and phase in wireless clocks as the old ones fail is a budget-friendly way to upgrade your system *and* stay within your yearly maintenance budget.

Master Clock Timing Protocols

Clock Code 01 - 3 wire Synchronous
Clock Code 02 - 3 wire Minute Impulse (59th minute)
Clock Code 03 - Standard Electric Time Dual Motor
Clock Code 04 - Standard Electric Time AR-2A 2 wire Dual Voltage
Clock Code 05 - 3 wire Minute Impulse (58th minute)
Clock Code 06 - Honeywell
Clock Code 07 - 2 wire Reverse Polarity Minute Impulse (59th minute)
Clock Code 08 - 2 wire Reverse Polarity Minute Impulse (59th minute) with 12 hr Correction
Clock Code 09 - Simplex 59th Minute Dual Motor
Clock Code 10 - Simplex 45th Minute Dual Motor
Clock Code 11 - National Synchronous Wired (25 sec. hour, 25 pulses 12 hour)
Clock Code 12 - Cincinnati D6 - 2 wire Reverse Polarity Minute Impulse (59th minute) with 12hr Correction
Clock Code 13 - National Synchronous Wired (25 sec. hour, 25 min. 12 hour)
Clock Code 15 - Straight Frequency Electronic Clock
Clock Code 16 - 3 wire Minute Impulse (59th minute) with 12hr Correction
Clock Code 17 - Standard Electric Time AR-2 2 wire Dual Voltage
Clock Code 18 - National Synchronous Wired
Clock Code 19 - Stromberg Synchronous Wired (56th minute)
Clock Code 20 - National Synchronous Wired (No 12hr correction)
Clock Code 21 - Cincinnati D1
Clock Code 22 - Dukane Synchronous Wired
Clock Code 23 - Standard Electric Time Dual Motor (hourly correction only)
Clock Code 26 - Stromberg 2 wire Minute Impulse (58th minute) Hourly Correction Only
Clock Code 27 - Digital Clock Reset - 12:00 AM/PM
Clock Code 36 - Synchronous Wired 2 with Noon and Midnight Sync
Clock Code 37 - 2 wire Reverse Polarity Minute Impulse
Clock Code 38 - 2 wire Reverse Polarity Minute Impulse (59th minute) with 12hr Correction
Clock Code 47 - Standard Electric Time AR-3 (3 wire Impulse)

Note: If running a 2- or 3-wire 24vdc impulse system, a power booster must be purchased along with the SiteSync IQ system controller to successfully run the system.

See page 71.

Get a Free Clock Audit from The Clock Experts

American Time is pleased to announce a brand new clock audit program. Call 866-748-3796 to request a FREE Clock Audit. A Clock Expert will visit your facility to assess your existing timekeeping system to determine your current and future needs.

This is a no-obligation visit meant to save you the time and hassle of walking throughout your building or campus to count clocks, look for non-working clocks, determine the age of your wired clock system and master clock. We will provide an Excel spreadsheet and recommendation that will fit your yearly maintenance budget.

Every Second Counts at Amplatz Children's Hospital

From floor to ceiling, the new University of Minnesota Amplatz Children's Hospital needed to appeal to regional and international patients ranging from infants to teenagers.

Careful consideration was given to every detail, including clocks. The U of M Facility Management team tried seven different clocks before selecting the SiteSync IQ Wireless Clock System.

"The SiteSync IQ clocks were the only ones that worked. We've had them in the main U of M hospital since 2008. When we tested them at the new site, we discovered complete signal coverage, so the Children's Hospital didn't have to purchase another system controller. All we had to purchase were the wireless wall clocks for the new building next door," said Russell Williams, vice president of professional services.

A team conducted mock patient procedures to determine the correct clock location. "Our Emergency Department, patient rooms, surgery suites and dialysis areas need synchronized time. Every second counts in our entire hospital," Williams added.

"We can respond much quicker to a patient or staffing need instead of worrying about clocks."

Williams appreciates the clock's automatic Daylight Saving Time adjustment and the battery booster packs that make clocks virtually maintenance-free for several years. "We can respond much quicker to a patient or staffing need, instead of worrying about clocks. A clock should simply 'work,' which these do. It allows everyone to focus on caring for the patient."

For more case studies, visit american-time.com/resources/case-studies

Try it before you buy it

Take advantage of our risk-free offer to try a wireless clock system in your facility for 30 days. You will discover that a wireless clock system from American Time can be the only tool you need to wirelessly synchronize time and control any signal circuit device across your entire campus or facility with one single transmitter.

Call the Wireless Clock Experts at 866-748-3796 to request your free test unit. We'll gladly send the transmitter size and time sync option that will work best for you.

FTU Package Includes:
1 System Controller
1 Analog Clock
1 Digital Clock
1 Signal Tester

Order by Phone **866-748-3796**

Order by Fax **800-789-1882**

Order Online **american-time.com**

SiteSync IQ® Wireless
The Complete Energy Management System

SiteSync IQ® gives you more options than ever before. Choose from a variety of methods to retrieve the world's official time and seamlessly operate your wireless system. Integrate your existing wired clocks with wireless clocks for perfectly synchronized time throughout your facility.

Easy Installation

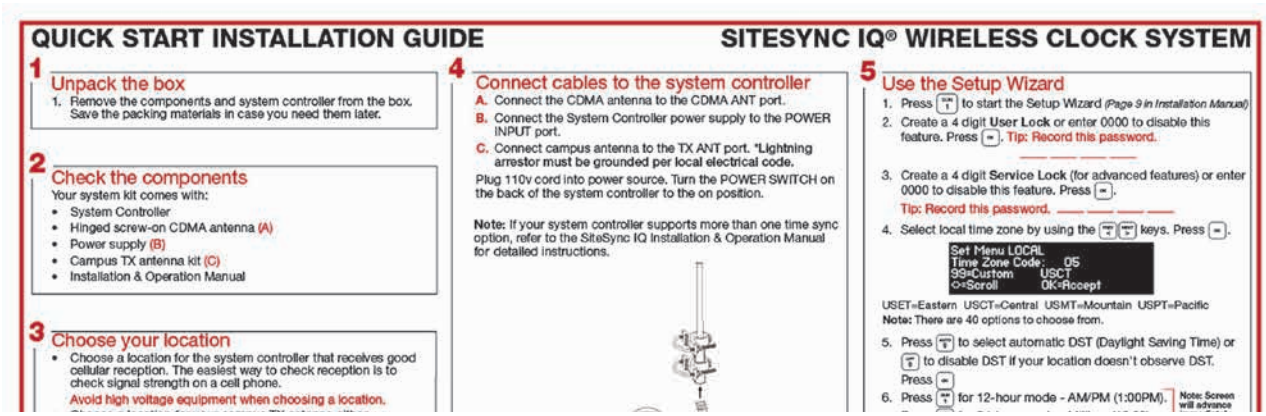
Our Customers Say It Best

"We are very pleased with how well our wireless system is working and how easy it was to install, really just plug and play."

Glen Johnson, Fairview Southdale Hospital

Easy Programming

SiteSync IQ comes complete with a Setup Wizard and Quick Start Installation Guide. Follow the five simple steps and you are ready for perfectly synchronized time.



QUICK START INSTALLATION GUIDE — **SITESYNC IQ® WIRELESS CLOCK SYSTEM**

1 Unpack the box
1. Remove the components and system controller from the box. Save the packing materials in case you need them later.

2 Check the components
Your system kit comes with:
- System Controller
- Hinged screw-on CDMA antenna (A)
- Power supply (B)
- Campus TX antenna kit (C)
- Installation & Operation Manual

3 Choose your location
- Choose a location for the system controller that receives good cellular reception. The easiest way to check reception is to check signal strength on a cell phone.

Avoid high voltage equipment when choosing a location.

4 Connect cables to the system controller
A. Connect the CDMA antenna to the CDMA ANT port.
B. Connect the System Controller power supply to the POWER INPUT port.
C. Connect campus antenna to the TX ANT port. *Lightning arrestor must be grounded per local electrical code.

Plug 110v cord into power source. Turn the POWER SWITCH on the back of the system controller to the on position.

Note: If your system controller supports more than one time sync option, refer to the SiteSync IQ Installation & Operation Manual for detailed instructions.

5 Use the Setup Wizard
1. Press [T] to start the Setup Wizard *(Page 9 in Installation Manual)*
2. Create a 4 digit **User Lock** or enter 0000 to disable this feature. Press [→]. Tip: Record this password.
3. Create a 4 digit **Service Lock** (for advanced features) or enter 0000 to disable this feature. Press [→]. Tip: Record this password.
4. Select local time zone by using the [T] [T] keys. Press [→].

Set Menu LOCAL
Time Zone Code: 05
99=Custom USCT
<>=Scroll OK=Accept

USET=Eastern USCT=Central USMT=Mountain USPT=Pacific
Note: There are 40 options to choose from.

5. Press [T] to select automatic DST (Daylight Saving Time) or [T] to disable DST if your location doesn't observe DST. Press [→]
6. Press [T] for 12-hour mode - AM/PM (1:00PM). Note: Screen will advance

What Size System Controller?

Deciding the system controller size depends on the layout of the site, number of floors, building material, wall and other obstructions between the transmitter and the furthest clock. Below is a grid showing transmitter sizes with recommended facility size.

Typical application with magnetic mount transmitting antenna

Typical application with campus transmitting antenna

460-470 MHz **FCC Licensed Frequencies**

Recommended Transmitter Sizes

Magnetic Mount Antenna	*5 Watt*	• 1-2 story facility • 200k sq. ft. per floor
	10 Watt	• 3-5 story facility • 100k sq. ft. per floor
Campus Antenna	*10 Watt*	• 3-6 story facility • Small to medium campus • Multiple buildings
	25 Watt	• 6-8 story facility • One city block
	40 Watt	• 8-12 story facility • 1-2 city blocks

Note: These are estimates only. Topography and building construction can affect signal reception. Contact a Wireless Expert for a free consultation to determine the perfect size for your application.

Our Customers Say It Best

"No challenge was too great for American Time. They designed a unique wireless solution for our school, which saved us thousands of dollars in building modifications. I chose the free 30-day test because I wanted to guarantee it would work in my school. It worked as promised. I'm happy with the professional and courteous service, too."

Jeffrey Martin, Presentation High School

customer favorite

System Controller with Magnetic Mount Transmitting Antenna

Ethernet Sync

Free Remote Connect

Your clocks and computers will keep perfect time if you have a network synchronized over a local domain.

Depending on the size and location of your system controller, this can cover individual buildings or an entire campus.

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Kit Includes

System Controller with Power Supply, Magnetic Mount Transmitting Antenna, Installation and Operation Manual

Visual Communication with Message Boards

See page 147 for details.

Model No.	Description	Warranty	Each
With No Circuits			
SSQMSTR-05N0E-WEB	5 watt internal transmitter	2 years	$2,095.95
SSQMSTR-10N0E-WEB	10 watt internal transmitter	2 years	$2,595.95
With 1 Wired Clock Circuit			
SSQMSTR-05N2E-WEB	5 watt internal transmitter	2 years	$2,195.95
SSQMSTR-10N2E-WEB	10 watt internal transmitter	2 years	$2,695.95
With 6 Signal Circuits			
SSQMSTR-05N6E-WEB	5 watt internal transmitter	2 years	$2,295.95
SSQMSTR-10N6E-WEB	10 watt internal transmitter	2 years	$2,795.95
With Clock & Signal Circuits			
SSQMSTR-05N8E-WEB	5 watt internal transmitter	2 years	$2,395.95
SSQMSTR-10N8E-WEB	10 watt internal transmitter	2 years	$2,895.95

Ethernet Sync

It's All in the Cable

The high-power transmitter and campus antenna give you the opportunity to cover multiple buildings.

Simply connect via an Ethernet connection into the system controller and installation is complete.

System Controller with External Transmitter and Campus Transmitting Antenna

- Accurate to all networked computers in your facility
- Guaranteed signal coverage with one transmitter
- 100% FCC compliance–no paperwork hassle
- Remote programming from any computer with internet access using Remote Connect (see pages 118-119)
- On-site IT set-up assistance recommended

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FC COMPLIANT

2 Year Warranty

Made in Dassel, MN

Kit Includes

System Controller with Power Supply, External Transmitter, Campus Transmitting Antenna, All Necessary Adaptors, Installation and Operation Manual

Audible Communication with Tones

A tone generator is the perfect solution when your P.A. system is in a remote location from the SiteSync IQ System Controller.

See page 129 for details.

Model No.	Description	Warranty	Each
With No Circuits			
SSQMSTR-25X0E-WEB	25 watt external transmitter	2 years	$4,295.95
SSQMSTR-45X0E-WEB	40 watt external transmitter	2 years	$4,895.95
With 1 Wired Clock Circuit			
SSQMSTR-25X2E-WEB	25 watt external transmitter	2 years	$4,395.95
SSQMSTR-45X2E-WEB	40 watt external transmitter	2 years	$4,995.95
With 6 Signal Circuits			
SSQMSTR-25X6E-WEB	25 watt external transmitter	2 years	$4,495.95
SSQMSTR-45X6E-WEB	40 watt external transmitter	2 years	$5,095.95
With Clock & Signal Circuits			
SSQMSTR-25X8E-WEB	25 watt external transmitter	2 years	$4,595.95
SSQMSTR-45X8E-WEB	40 watt external transmitter	2 years	$5,195.95

Stop Driving, Start Scheduling with Remote Connect

There's no need to drive from one building to another to adjust clocks or change bell schedules. You can control multiple SiteSync IQ® Wireless Clock Systems across your entire campus, school district or facility from a single location with the SiteSync IQ Remote Connect web server.

No special software is needed. The secure Internet connection allows for quick and easy management of the system controller (with Ethernet time sync option).

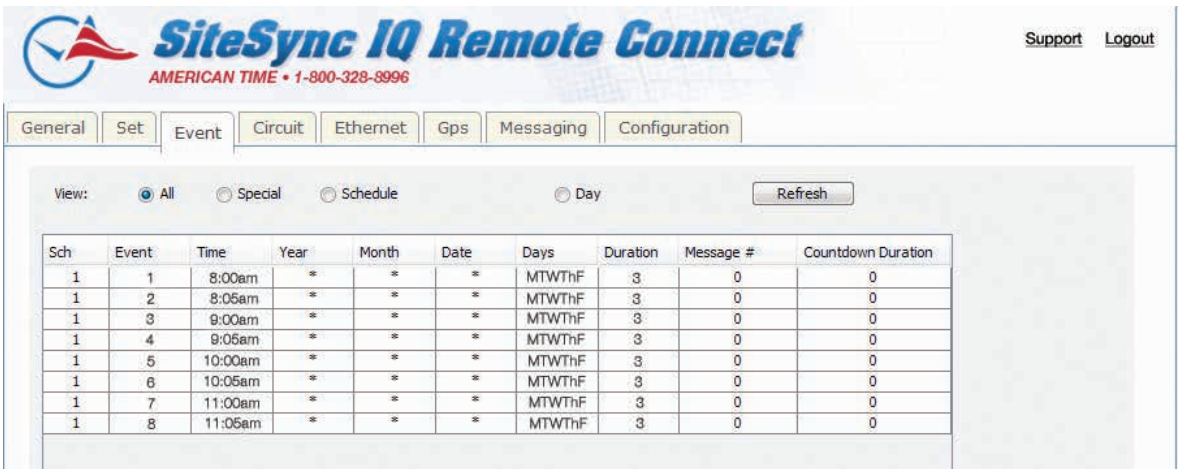
Use Remote Connect to:

- Schedule all functions of the system controller
- Review and change bell and circuit programs
- Update system controllers in multiple locations
- All from the convenience of your desk!

Our Customers Say It Best

"Remote Connect is wonderful. In our old system, it was really time consuming to switch from schedule to schedule. Now I do it with a click of a button. There was no software to purchase. I just go online and make the schedule changes."

Principal Swenson, Little Falls Community Middle School



Sch	Event	Time	Year	Month	Date	Days	Duration	Message #	Countdown Duration
1	1	8:00am	*	*	*	MTWThF	3	0	0
1	2	8:05am	*	*	*	MTWThF	3	0	0
1	3	9:00am	*	*	*	MTWThF	3	0	0
1	4	9:05am	*	*	*	MTWThF	3	0	0
1	5	10:00am	*	*	*	MTWThF	3	0	0
1	6	10:05am	*	*	*	MTWThF	3	0	0
1	7	11:00am	*	*	*	MTWThF	3	0	0
1	8	11:05am	*	*	*	MTWThF	3	0	0

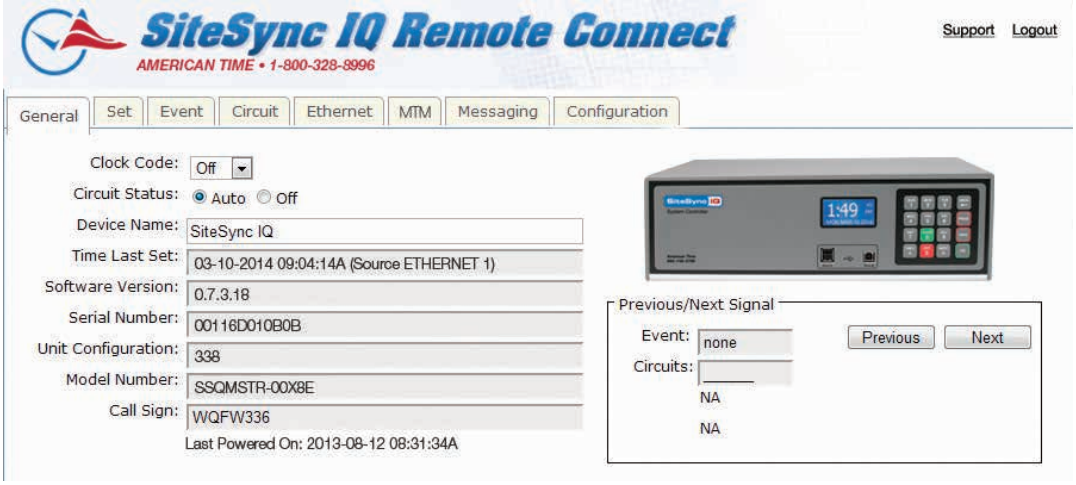
Event Tab Features

- Enter schedules remotely
- Backup schedules
- Print schedules
- Import and export schedules to and from PCs

Above is an example of a morning bell schedule in an educational environment. Bells will ring every Monday-Friday for three seconds.

Once you've entered your schedule, you can assign it to a circuit by clicking on the Circuit tab and entering the schedule number in the Assigned Schedule box next to the appropriate circuit. At the end of the school year, simply disable the circuit, and the bells are off for the summer!

Remote Connect is included FREE with the Ethernet time sync option

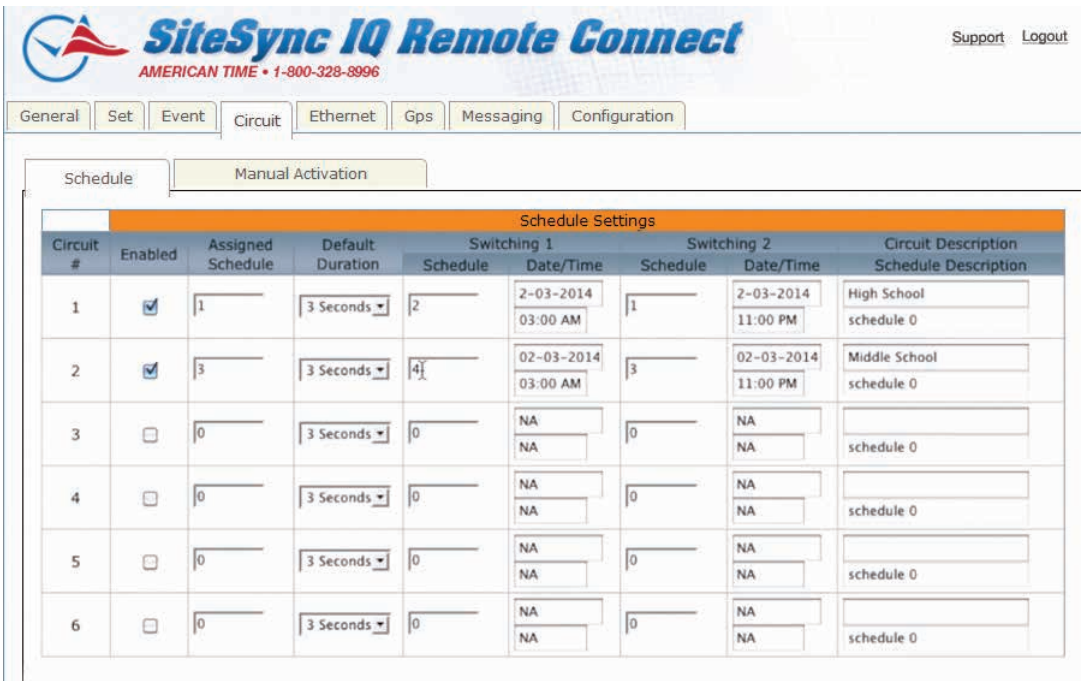


General Tab Features

- View and change clock code
- View and change device name
- View important information about your device: Software version; Model and Serial Number; Unit Configuration; Transmitter Call Sign

Minimum System Requirements (computer)

- Most current browser (ie. Internet Explorer, Firefox, Chrome)
- Java Runtime Environment (JRE) 8 Update 25
- Network Adapter or Wireless Network Adapter



Circuit Tab Features

- Assign schedules to circuits
- Manual circuit activation
- Set default circuit durations

Manual Activation:

The bells do not have to operate on a set schedule. They can also be triggered manually in the Circuit Tab.

System Controller with Magnetic Mount Transmitting Antenna

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FC COMPLIANT

2 Year Warranty

Made in Dassel, MN

GPS Sync

From Satellites to You

Global Positioning System (GPS) wireless clock systems are extremely accurate because they receive time signals in all weather from satellites circling the earth.

The SiteSync IQ GPS Wireless Clock System doesn't need complicated equipment to work and is easy to install. Just locate the system controller in a high and central location and mount the GPS antenna outside the building to ensure NIST timekeeping satellite reception.

Kit Includes

System Controller with Power Supply, GPS Receiver, Magnetic Mount Transmitting Antenna, Installation and Operation Manual

Model No.	Description	Warranty	Each
With No Circuits			
SSQMSTR-05N0G-WEB	5 watt internal transmitter	2 years	$2,195.95
SSQMSTR-10N0G-WEB	10 watt internal transmitter	2 years	$2,695.95
SSQMSTR-25X0G-WEB	25 watt external transmitter	2 years	$4,395.95
SSQMSTR-45X0G-WEB	40 watt external transmitter	2 years	$5,095.95
With 1 Wired Clock Circuit			
SSQMSTR-05N2G-WEB	5 watt internal transmitter	2 years	$2,295.95
SSQMSTR-10N2G-WEB	10 watt internal transmitter	2 years	$2,795.95
SSQMSTR-25X2G-WEB	25 watt external transmitter	2 years	$4,495.95
SSQMSTR-45X2G-WEB	40 watt external transmitter	2 years	$5,195.95
With 6 Signal Circuits			
SSQMSTR-05N6G-WEB	5 watt internal transmitter	2 years	$2,395.95
SSQMSTR-10N6G-WEB	10 watt internal transmitter	2 years	$2,895.95
SSQMSTR-25X6G-WEB	25 watt external transmitter	2 years	$4,595.95
SSQMSTR-45X6G-WEB	40 watt external transmitter	2 years	$5,295.95
With Clock & Signal Circuits			
SSQMSTR-05N8G-WEB	5 watt internal transmitter	2 years	$2,495.95
SSQMSTR-10N8G-WEB	10 watt internal transmitter	2 years	$2,995.95
SSQMSTR-25X8G-WEB	25 watt external transmitter	2 years	$4,695.95
SSQMSTR-45X8G-WEB	40 watt external transmitter	2 years	$5,395.95

GPS Plus Sync

For Special Applications

GPS Plus is perfect for any application with a long distance (up to 1,500 feet) between the GPS receiver and the system controller. The included shrink tubing will weatherproof the outside cable connections.

System Controller with External Transmitter Premium GPS Receiver and Campus Transmitting Antenna

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- Guaranteed accuracy to NIST"s official world time
- Signal coverage with one transmitter
- 100% FCC compliance–no paperwork hassle
- Easy installation by maintenance staff
- Factory direct pricing

Kit Includes

System Controller with Power Supply, External Transmitter, Premium GPS Receiver, Campus Transmitting Antenna, All Necessary Adaptors, Installation and Operation Manual

Model No.	Description	Warranty	Each
With No Circuits			
SSQMSTR-05N0P-WEB	5 watt internal transmitter	2 years	$3,495.95
SSQMSTR-10N0P-WEB	10 watt internal transmitter	2 years	$3,995.95
SSQMSTR-25X0P-WEB	25 watt external transmitter	2 years	$5,695.95
SSQMSTR-45X0P-WEB	40 watt external transmitter	2 years	$6,395.95
With 1 Wired Clock Circuit			
SSQMSTR-05N2P-WEB	5 watt internal transmitter	2 years	$3,595.95
SSQMSTR-10N2P-WEB	10 watt internal transmitter	2 years	$4,095.95
SSQMSTR-25X2P-WEB	25 watt external transmitter	2 years	$5,795.95
SSQMSTR-45X2P-WEB	40 watt external transmitter	2 years	$6,495.95
With 6 Signal Circuits			
SSQMSTR-05N6P-WEB	5 watt internal transmitter	2 years	$3,695.95
SSQMSTR-10N6P-WEB	10 watt internal transmitter	2 years	$4,195.95
SSQMSTR-25X6P-WEB	25 watt external transmitter	2 years	$5,895.95
SSQMSTR-45X6P-WEB	40 watt external transmitter	2 years	$6,595.95
With Clock & Signal Circuits			
SSQMSTR-05N8P-WEB	5 watt internal transmitter	2 years	$3,795.95
SSQMSTR-10N8P-WEB	10 watt internal transmitter	2 years	$4,295.95
SSQMSTR-25X8P-WEB	25 watt external transmitter	2 years	$5,995.95
SSQMSTR-45X8P-WEB	40 watt external transmitter	2 years	$6,695.95

System Controller with Magnetic Mount Transmitting Antenna

c UL us LISTED

FC COMPLIANT

2 Year Warranty

Made in Dassel, MN

CDMA Sync

Install in Minutes

Receive accurate time signals from cell phone towers with the Code Division Multiple Access (CDMA) time sync option.

Locating and programming the system controller is easy because there are no outside cables or wires to install. Plus, there are no cell phone service fees!

Kit Includes

System Controller with Power Supply, CDMA Receiver, Hinged Screw-On Receiving Antenna, Magnetic Mount Transmitting Antenna, Installation and Operation Manual

Try It Before You Buy It—FREE!

We're here to make your wireless clock system purchase as easy as possible. Take advantage of our risk-free offer to try SiteSync IQ® in your facility for 30 days. There's no cost and no obligation. See for yourself how SiteSync IQ eliminates complaints about your clocks.

Call today. Our wireless experts will listen to your specific needs and supply a transmitter size and time sync option that will work best for you—**FREE!**

30-day FREE Field Test

Model No.	Description	Warranty	Each
With No Circuits			
SSQMSTR-05N0C-WEB	5 watt internal transmitter	2 years	$2,595.95
SSQMSTR-10N0C-WEB	10 watt internal transmitter	2 years	$3.095.95
With 1 Wired Clock Circuit			
SSQMSTR-05N2C-WEB	5 watt internal transmitter	2 years	$2,695.95
SSQMSTR-10N2C-WEB	10 watt internal transmitter	2 years	$3,195.95
With 6 Signal Circuits			
SSQMSTR-05N6C-WEB	5 watt internal transmitter	2 years	$2,795.95
SSQMSTR-10N6C-WEB	10 watt internal transmitter	2 years	$3,295.95
With Clock & Signal Circuits			
SSQMSTR-05N8C-WEB	5 watt internal transmitter	2 years	$2,895.95
SSQMSTR-10N8C-WEB	10 watt internal transmitter	2 years	$3,395.95

CDMA Sync

Time From a Cell Tower

The high-power transmitter and campus antenna give you the opportunity to cover multiple buildings.

System Controller with External Transmitter and Campus Transmitting Antenna

c UL us LISTED · FC COMPLIANT · 2 Year Warranty · Made in Dassel, MN

- No cell phone tower service fees for the CDMA time signal
- Guaranteed signal coverage with one transmitter
- 100% FCC compliance–no paperwork hassle
- Pinpoint accuracy to NIST, the official world time
- Easy installation by maintenance staff
- No cables or wiring to install

Kit Includes

System Controller with Power Supply, External Transmitter, CDMA Receiver, Hinged Screw-On Receiving Antenna, Campus Transmitting Antenna, All Necessary Adaptors, Installation and Operation Manual

Scott DeSmith, American Time Sales Engineer

"If you receive the time on a cell phone in the high and central location planned for the system controller, you will receive suitable reception."

Model No.	Description	Warranty	Each
With No Circuits			
SSQMSTR-25X0C-WEB	25 watt external transmitter	2 years	$4,295.95
SSQMSTR-45X0C-WEB	40 watt external transmitter	2 years	$4,795.95
With 1 Wired Clock Circuit			
SSQMSTR-25X2C-WEB	25 watt external transmitter	2 years	$4,395.95
SSQMSTR-45X2C-WEB	40 watt external transmitter	2 years	$4,895.95
With 6 Signal Circuits			
SSQMSTR-25X6C-WEB	25 watt external transmitter	2 years	$4,495.95
SSQMSTR-45X6C-WEB	40 watt external transmitter	2 years	$4,995.95
With Signal & Clock Circuits			
SSQMSTR-25X8C-WEB	25 watt external transmitter	2 years	$4,595.95
SSQMSTR-45X8C-WEB	40 watt external transmitter	2 years	$5.095.95

Order by Phone **866-748-3796** · *Order by Fax* **800-789-1882** · *Order Online* **american-time.com**

SiteSync IQ® Specialty Wireless Applications

System Controllers with no NIST (time sync) Option

2 Year Warranty

This economical option syncs your wireless clocks to the time on the system controller, which is equipped with our best non-synchronized timekeeping accuracy of ±1 minute/year.

Model No.	Description	Each
With No Wired Circuits		
SSQMSTR-05N0B-WEB	5 watt internal transmitter	$1,695.95
SSQMSTR-10N0B-WEB	10 watt internal transmitter	$2,095.95
With 1 Wired Clock Circuit		
SSQMSTR-05N2B-WEB	5 watt internal transmitter	$1,795.95
SSQMSTR-10N2B-WEB	10 watt internal transmitter	$2,195.95
With 6 Signal Circuits		
SSQMSTR-05N6B-WEB	5 watt internal transmitter	$1,895.95
SSQMSTR-10N6B-WEB	10 watt internal transmitter	$2,295.95
With Clock & Signal Circuits		
SSQMSTR-05N8B-WEB	5 watt internal transmitter	$1,995.95
SSQMSTR-10N8B-WEB	10 watt internal transmitter	$2,395.95

These models have no external time sync option.

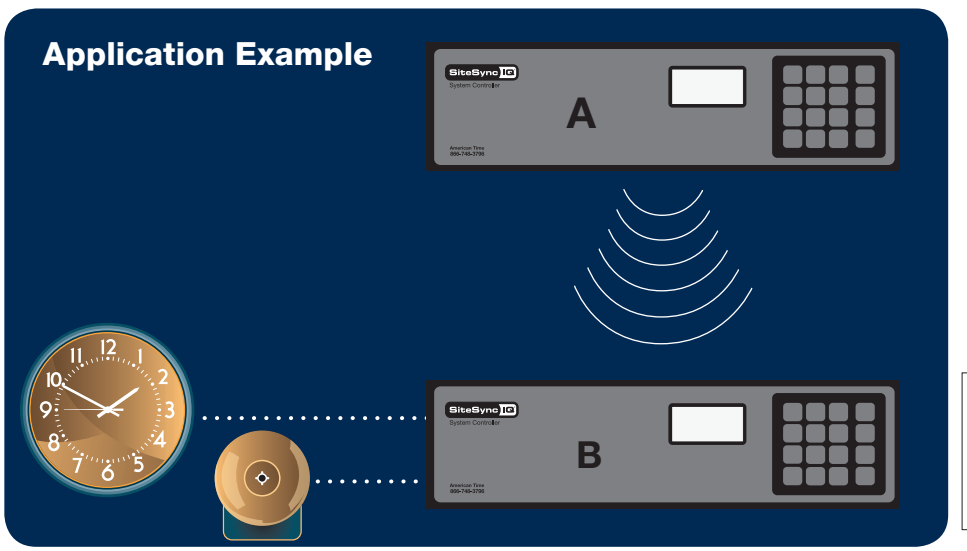
System Controllers with Wireless Sync Option

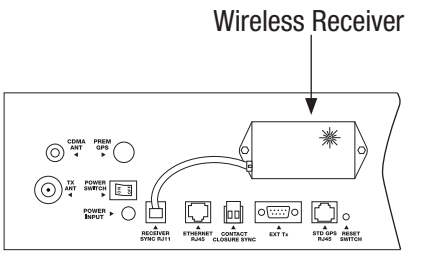
This option is used for installations with existing wired signal devices. It requires a wired SiteSync IQ System Controller in an area remote to the wireless SiteSync IQ System Controller.

Model No.	Description	Each
SSQMSTR-00X2W-WEB	1 wired clock circuit	$1,295.95
SSQMSTR-00X6W-WEB	6 signal circuits	$1,345.95
SSQMSTR-00X8W-WEB	1 clock and 6 signal circuits	$1,445.95

Note: Requires reception from wireless transmitting SiteSync IQ System Controller.

Application Example: The wireless transmitting system controller (A) is located high in the building for best signal coverage and transmits the time signal to the wired receiving system controller (B), which controls the wired devices (clocks, bells, etc.) on a lower floor or area not near the transmitting unit.





Order Desk open 7:30 a.m. to 5:00 p.m. CST—Monday-Friday

American Time continues to expand its impressive SiteSync IQ® product line offering. The Remote Transmitter, with a built-in microprocessor, offers wireless timekeeping without the need for a SiteSync IQ System Controller. This is an economical product for facilities that do not need to run wired clock or signal circuits (exclusively wireless clocks/signal circuits) or facilities that need a transmitter high and central for optimal wireless system reception but wish to have a wired master clock or signal programmer on a lower level near existing system wiring.

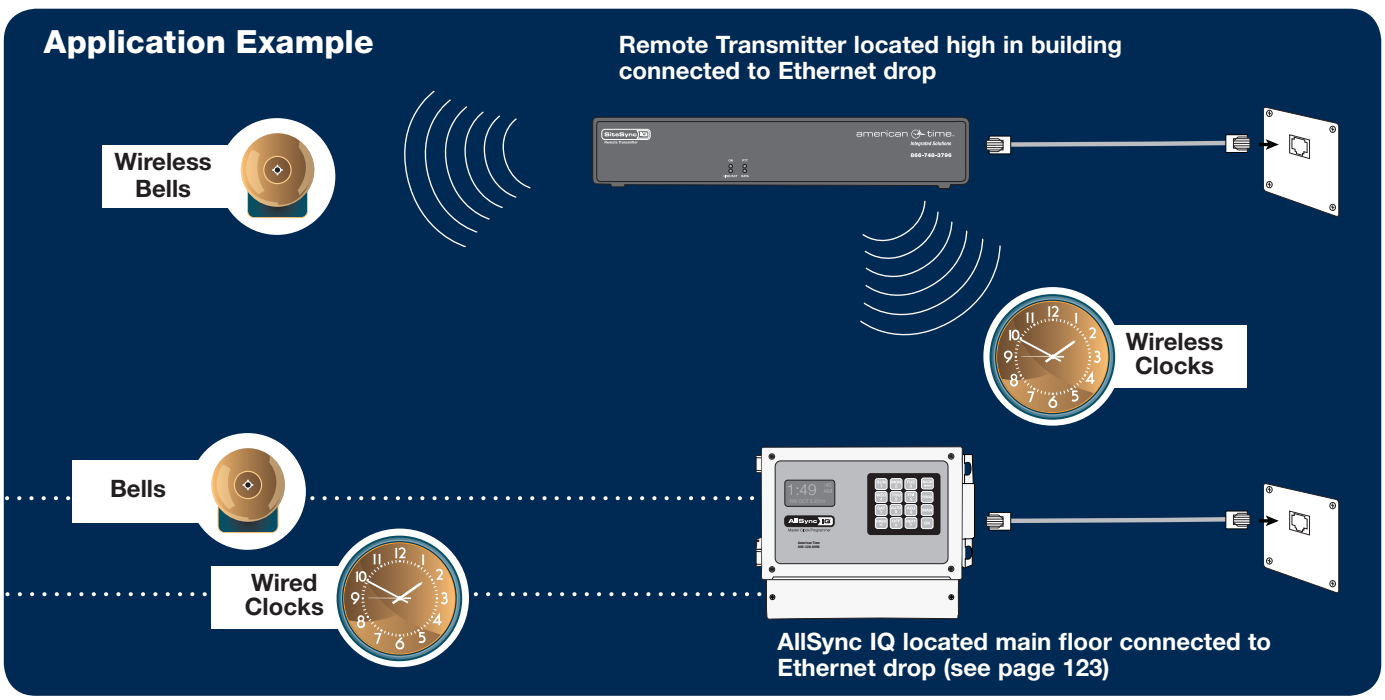
- 5, 10, 25 or 40 watt power output
- Mag Mount antenna standard on 5 and 10 watt units
- Campus antenna standard on 25 and 40 watt units
- 120/240 volt power input
- Programming of wireless events and transmitter setup via Remote Connect web interface *(compatible with SiteSync IQ System Controller and AllSync IQ Master Clock event files)*
- Firmware update capability via Remote Transmitter Connect web interface
- Programmable custom and automatic Daylight Saving Time and Leap Year correction
- Automatic Ethernet configuration via DHCP *(static IP configuration also available via direct connection to a PC)*
- Support for wireless time zone clocks *(local plus 8 configurable time zones)*
- Power, Transmit and Data indicators on front panel
- Ethernet 10/100 Mb/s support
- Time synchronization from any SNTP time server, including Internet time servers or a master clock *(including the AllSync IQ Master or the SiteSync IQ System Controller)*
- Internal Quartz-based timekeeping with battery backup for ±1 minute per year accuracy if Ethernet timekeeping fails

2 Year Warranty

Model No.	Description	Each
No Signal Circuits		
SSQRTM-05N0E-WEB	5 watt, mag mount antenna	$1,395.95
SSQRTM-10N0E-WEB	10 watt, mag mount antenna	$1,895.95
SSQRTM-25X0E-WEB	25 watt, campus antenna	$2,995.95
SSQRTM-40X0E-WEB	40 watt, campus antenna	$3,495.95
6 Signal Circuits		
SSQRTM-05N6E-WEB	5 watt, mag mount antenna	$1,545.95
SSQRTM-10N6E-WEB	10 watt, mag mount antenna	$2,045.95
SSQRTM-25X6E-WEB	25 watt, campus antenna	$3,195.95
SSQRTM-40X6E-WEB	40 watt, campus antenna	$3,695.95

Here is an example of how the AllSync IQ Master Clock and the Remote Transmitter can work together on a wired and wireless system. Wired and wireless events can be synchronized using Remote Connect on either device. Events can easily be copied from one Remote Connect interface to the other.

Application Example


Remote Transmitter located high in building connected to Ethernet drop
Wireless Bells
Wireless Clocks
Bells
Wired Clocks
AllSync IQ located main floor connected to Ethernet drop (see page 123)

SiteSync IQ® System Specifications

Signal Circuit Specifications

Signal Circuits (6): Dry contacts rated at 250vac,
Continuous: 7.5 amps resistive, 5 amps inductive,
50% duty cycle*: 10 amps resistive
Program Retention: Unlimited
Programmable Events: 9,999 events total
Schedules: 99 maximum
Signal Duration: Programmable 1-9 seconds or continuous on

*50% duty cycle is defined as all signal relays on for one minute, off for one minute, repeating.

System Controller Specifications

Display: 128 × 64 graphics LCD
Dimensions: 5"h × 16⅞"w × 8"d
Transmission Frequency: 450-470 MHz
Peak Input Power: 10 watts
Nominal Power: 2.5 watts
Fuse: (Input Power) 8 amps, 250vac, Subminiature
Standby Timekeeping: 10 years
Timekeeping Accuracy: ±1 minute/year without correction from time reference
Time Zones: Eastern, Central, Mountain, Pacific, Alaska, Hawaii or factory configurable

Clock Circuit Specifications

Clock Circuit Fuses: 8 amps, 250vac, subminiature

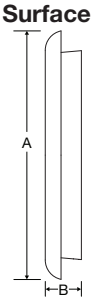
Clock Specifications

Case: Heavy-duty steel, plastic, wood or aluminum
Clock crystal: Glass on steel, wood and aluminum; polycarbonate safety crystal on plastic
Clock hour and minute hands: Black
Clock second hand: Red
Power: Battery Clocks - (1.7V) AA Lithium batteries (included)
Electric Clocks - 120vac or 24vac
Battery Booster: Up to 5 years maintenance-free, uses 6 AA Lithium batteries (included)
Rear panel indicator: Red LED indicates receiver wake-up and time sync
Receiver sensitivity: 10uV per meter
Antenna type: Internal
Time to synchronize: Average time to sync is 3 to 5 minutes (syncs automatically 4 times per day)
Time accuracy: ±1 second to SiteSync IQ system controller

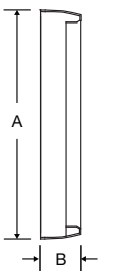
Environmental Specifications

Operating/Storage temperature: 41°F to 131°F
Relative humidity: 0% - 95% Non-condensing

Surface



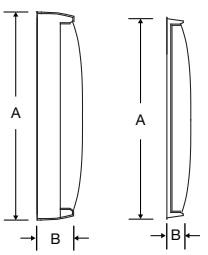
Surface



Wood Clock Dimensions Dial Size	A	B
12"	15¾"	2½"
15"	18½"	2½"

Aluminum Clock Dimensions Dial Size	A	B
12"	13⅜"	2⅝"
15"	16¼"	2⅝"

Surface Flush

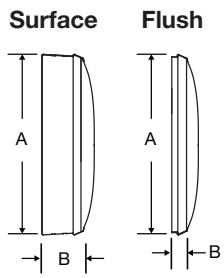


Molded Clock Dimensions	Surface		Flush	
Dial Size	A	B	A	B
10"	10⅜"	2½"	9⅞"	1⅜"
12"	13¼"	2½"	13¼"	2"
15"	16"	2½"	N/A	

Molded Double Dial Dimensions Dial Size	A	B	C
12"	13¼"	8⅝"	15"
15"	16"	8⅝"	19¼"

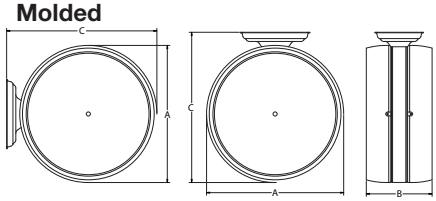
Steel Double Dial Dimensions Dial Size	A	B	C
12"	13¼"	8"	16⅞"
15"	16¼"	8"	19⅞"

Surface Flush

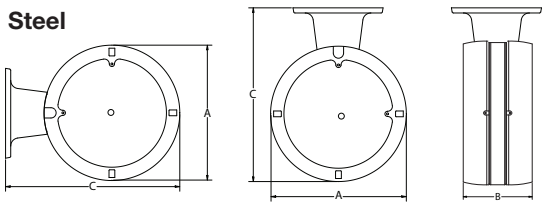


Steel Clock Dimensions	Surface		Flush	
Dial Size	A	B	A	B
Round				
10"	11¼"	2¼"	11¼"	1⅝"
12"	13¼"	2¼"	13¼"	1⅝"
15"	16¼"	2¼"	16"	1⅝"
Square				
12"	12⅝"	3¼"	12⅝"	1¼"

Molded



Steel



The affordable solution for your timekeeping needs!

The AllSync IQ® Master is the perfect replacement. It will work with any existing secondary clocks or AllSync Plus® clocks. Plus, you can **remotely manage** all of your equipment with the AllSync IQ Master.

This state-of-the-art time management unit provides synchronized control of secondary clocks, bell signals and electrical circuits. Programming the unit is fast and easy using the 16-button keypad or Remote Connect.

If you have a network synchronized over a local domain, you can maintain NIST timekeeping throughout your entire system. Clocks and PCs will have perfectly synchronized time using SNTP (Simple Network Time Protocol) or Daytime Protocol via an Ethernet connection plugged into the AllSync IQ Master.

- Manual control of signal circuits
- Automatic Ethernet configuration via DHCP *(static IP configuration also available via direct connection to a PC)*
- Surge protection
- Quartz crystal time base accurate to ±1 minute/year
- Impact-resistant polycarbonate enclosure
- Field upgrades via USB flash drive
- UL Listed - File E157522

- 99 schedules and 9999 events, plus a temporary schedule feature
- Automatic Daylight Saving Time and Leap Year correction
- Password security
- Included battery keeps time without external power and retains programmed data
- Ethernet time synchronization

5 Year Warranty

UL Listed

Model No.	Description	Each
ASQMSTR-00X6E-WEB	Ethernet; 6 signal circuits; no clock circuits	$724.95
ASQMSTR-00X2E-WEB	Ethernet; no signal circuits; 2 clock circuits	$824.95
ASQMSTR-00X8E-WEB	Ethernet; 6 signal circuits; 2 clock circuits	$924.95

Note: Masters are 120vac. If using with 24vac clocks a step down transformer is necessary.

If running a 2- or 3-wire 24vdc impulse system, a power booster must be purchased along with the AllSync IQ master to successfully run the system.

See page 71 for transformers and boosters.

Using AllSync IQ with Remote Connect means:

The ability to manage schedules in one building or an entire complex right from your computer, utilizing an Ethernet connection and/or remote access through an Internet connection.

General Features

- Assign custom durations
- Manage programming of up to six circuits
- Trigger wired and wireless devices remotely

SiteSync IQ® Wireless Controller

Run a complete wired system synchronized with a Wireless Controller

The wireless activation and time signal are transmitted from the SiteSync IQ system controller (located high in the building for best signal coverage) to the Wireless Controller, which controls the wired clocks and bells/tones.

The clock circuits provide hourly and 12 hour correction to one clock system *(clock code 1 only)*. The time signals for the clock circuits are synchronized wirelessly from the SiteSync IQ system controller. This device is compatible with the following clocks:

American Time B* & A* Series
Cincinnati *D10 & #D12 Series
Dukane 24SS* Series
Edwards *010 & *012 Series
Faraday 2370, 2372, 2380 & 2382* Series
Simplex® 77*, 82*, 2310-92* & 6310-92* Series

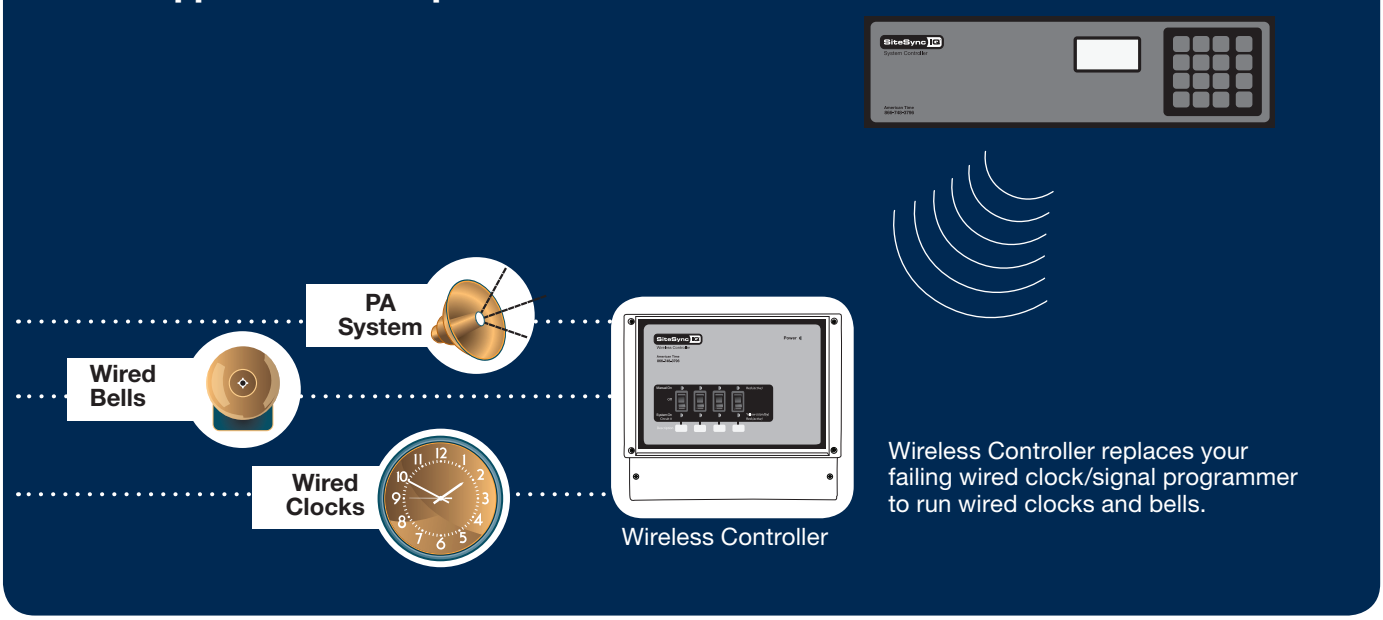
The bell/tone circuits provide for control of bell/tone relays at up to 10 amps each *(resistive)*. It is ideal for replacing an existing wired signal programmer within reception of the SiteSync IQ system controller.

Specifications
Power: 120vac hard-wired
Dimensions: 8½"h × 10⅛"w × 5"d
Paging Format: POCSAG, narrow band

2 Year Warranty

Part No.	Description	Each
SSQWCA-2C4T-WEB	Wireless Controller w/2 clock and 4 bell/tone relays	$995.95

Application Example


SiteSync IQ System Controller w/Ethernet option
PA System
Wired Bells
Wired Clocks
Wireless Controller
Wireless Controller replaces your failing wired clock/signal programmer to run wired clocks and bells.

Use the H004313 wireless Tone Generator when your P.A. system is in a remote location from the SiteSync IQ system controller.

Wired Tone Generator

•**Dimensions:** 4.6"h x 5.6"w x 2.8"d
See page 73 for information.

1 Year Warranty

Part No.	Description	Each
H004313-1-WEB	Wireless Tone Generator, circuit 1	$499.95
H004313-2-WEB	Wireless Tone Generator, circuit 2	$499.95
H004313-3-WEB	Wireless Tone Generator, circuit 3	$499.95
H004313-4-WEB	Wireless Tone Generator, circuit 4	$499.95
H004313-5-WEB	Wireless Tone Generator, circuit 5	$499.95
H004313-6-WEB	Wireless Tone Generator, circuit 6	$499.95
H004291A-WEB	Wired Tone Generator	$169.95

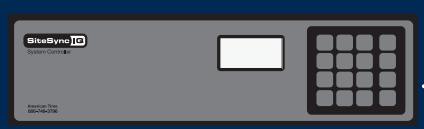
The part number for the wireless tone generator will indicate which circuit of the system controller it is configured to. (i.e. H004313-1 is set to circuit 1; H004313-2 is set to circuit 2).

Wireless Tone Generator

Specifications
Power: 120vac, 11mA
Dimensions: 10¼"h × 12½"w × 4"d
Paging Format: POCSAG, narrow band

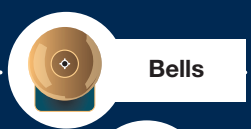
2 Year Warranty

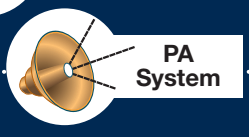
SiteSync IQ System Controller w/Ethernet option



Wireless Controller

Application Example





SiteSync IQ® Audio Applications

Audio Generators are the perfect choice when custom audio is preferred. Create your own MP3 files to play music, your school anthem and custom tones not available on standard tone generators. You can also pre-record voice alerts for public notifications, then play them through your P.A. or audio amplifier system.

Use the H004501 Wireless Audio Generator when your P.A. system is in a remote location from the SiteSync IQ system controller.

H004500C Wired Audio Generator

NEW

2 Year Warranty

H004501? Wireless Audio Generator

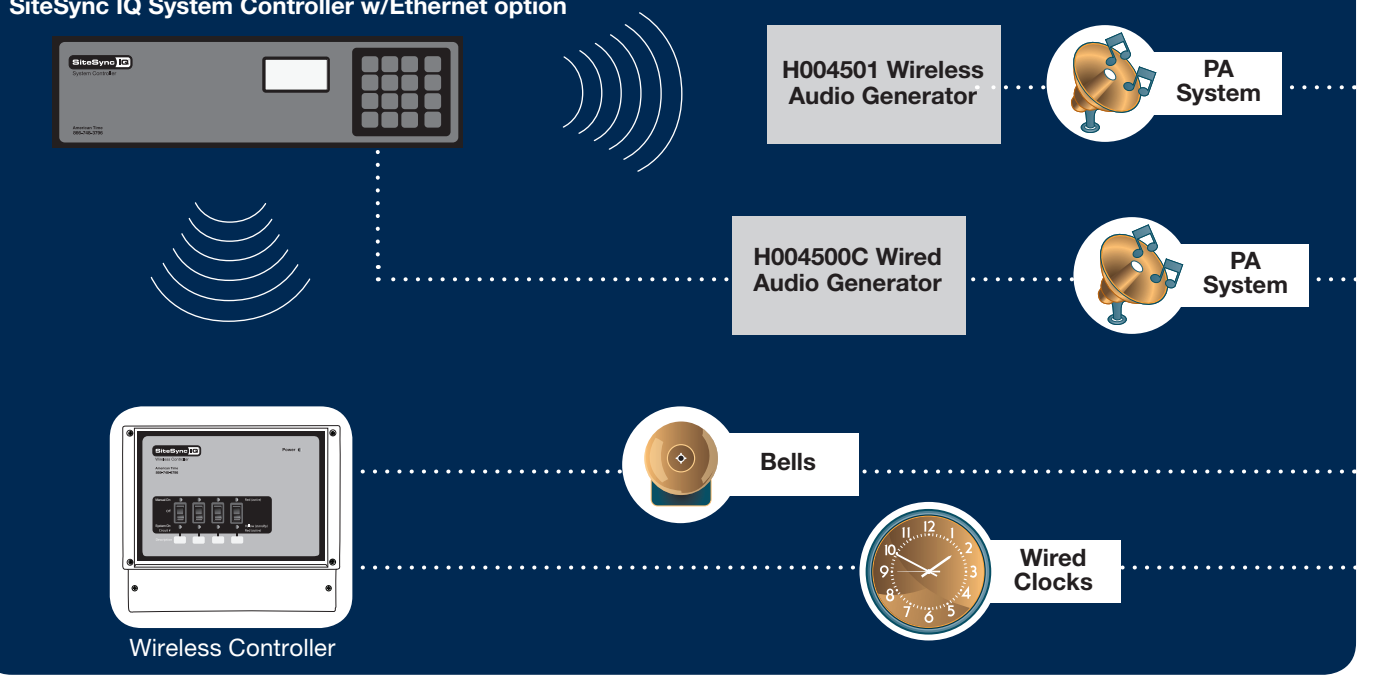
Specifications
Power: 120vac 60Hz 10 watts
Dimensions: 6"h × 6"w × 1½"d
Sound File Type: MPEG (.mp3)

Part No.	Description	Each
H004500C-WEB	Wired Audio Generator	$624.95
H004501-?-WEB*	Wireless Audio Generator	$999.95

*Each wireless audio generator is linked to one of the wired signal circuit relays in the SiteSync IQ system controller. Replace the ? in the part number to specify the circuit (1-6) that you want to link to - ie. H004501-6

Specifications
Power: 120vac hard-wired
Dimensions: 10¼"h × 12½"w × 4"d
Sound File Type: MPEG (.mp3)

Application Example



Factory direct pricing from the clock experts!

SiteSync IQ® Wireless Relay

The SiteSync IQ Wireless Relays provide a relay output to activate individual low power devices such as bell, horns and strobes. Wireless relays can be triggered by programmed events in the SiteSync IQ system controller, on demand using the MAN button on the system controller or the circuit tab of the SiteSync IQ Remote Connect web interface *(using a SiteSync IQ system controller with the Ethernet option and a computer with web access)*.

2 Year Warranty

Specifications
Dimensions: 2¼"h x 4⁵⁄₁₆"w x ⅞"d
Weight: 0.28 lbs.
Power options: UL Listed 100-240vac, 50/60Hz power adapter
Operating temperature: 41° to 131° degrees F
Dry contacts: NO *(NC-special order)* contacts with 2A 30vdc/0.5A 120vac rating and active closure time of 1-9 seconds
Receiver frequency: 450-470 MHz (*factory set*)
Paging format: POCSAG, Narrow band
Data baud rate: 512 BPS
Receiver sensitivity: 10uV/M

Wireless Relay

H004296-?-WEB Wireless Relay $169.95

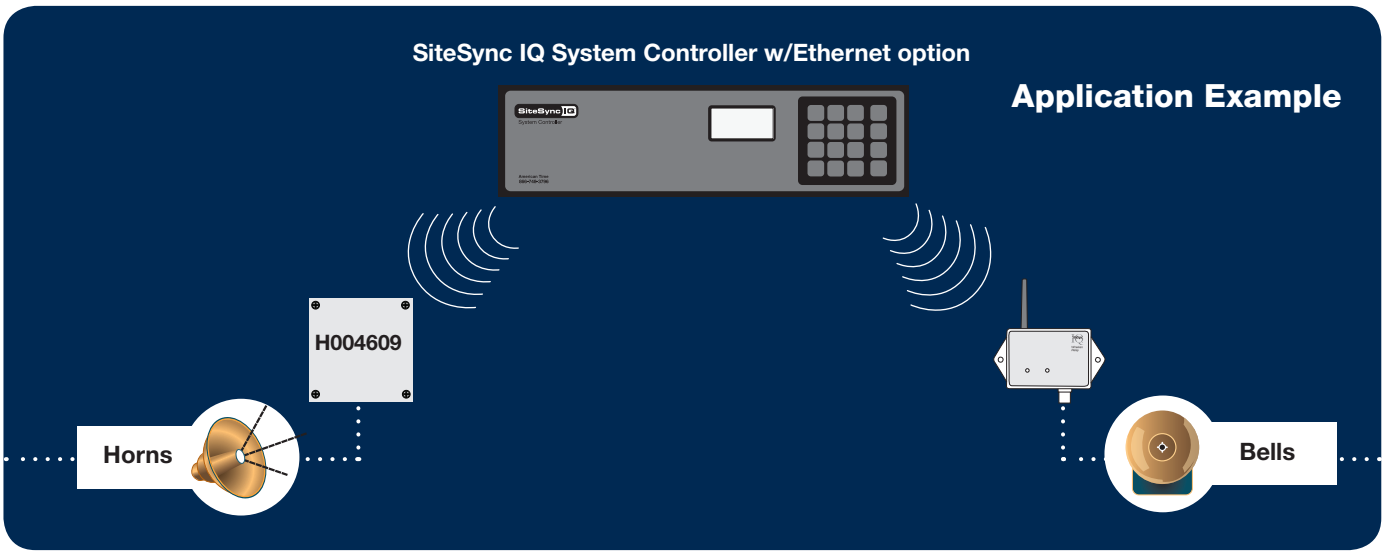
Each wireless relay is linked to one of the wired signal circuit relays in the SiteSync IQ system controller. Replace the ? in the part number to specify the circuit (1-6) that you want to link to.

Enclosed Wireless Relay

Specifications
Dimensions: 6"h x 5¼"w x 2½"d
Weight: 1.03 lbs.
Input power: 120vac/240vac 50/60Hz
Relay output: 120vac/240vac (12vdc on request), rated single pole 8 amp resistive, ¼ HP
Note: Relay output voltage is the same as input voltage (unless 12vdc is requested when ordered)
Relay output fuse: 6.3 amps, 250vac, 5x20mm
Operating temperature: 41˚F to 131˚F
Relative humidity: 0%-95% Non-condensing
Receiver frequency: 450-470 MHz (*factory set*)

H004609-?-WEB Wireless Relay $319.95

Each wireless relay is linked to one of the wired signal circuit relays in the SiteSync IQ system controller. Replace the ? in the part number to specify the circuit (1-6) that you want to link to.



Wireless Bells, Horns and Strobes

These wireless bells, horns and strobes are triggered wirelessly by the SiteSync IQ System Controller. They can be triggered by programmed events in the system controller, on demand using the MAN button on the system controller or with the Circuit Tab of the Remote Connect web interface (using a SiteSync IQ System Controller with the Ethernet option and a computer with internet access).

Wireless Bell

Each Wireless Bell is factory set to one of the wired signal circuit relays in the system controller. The part number will indicate which circuit of the system controller the bell is configured to (i.e. H004579-1 is set to circuit 1; H004579-2 is set to circuit 2).

Part No.	Description	Each
H004579-1-WEB	for circuit 1	$429.95
H004579-2-WEB	for circuit 2	$429.95
H004579-3-WEB	for circuit 3	$429.95
H004579-4-WEB	for circuit 4	$429.95
H004579-5-WEB	for circuit 5	$429.95
H004579-6-WEB	for circuit 6	$429.95

Wireless Indoor Horns

Each Wireless Horn is factory set to one of the wired signal circuit relays in the system controller. The part number will indicate which circuit of the system controller the horn is configured to (i.e. H004578-1 is set to circuit 1; H004578-2 is set to circuit 2).

■**Note:** Volume is adjustable

Part No.	Description	Each
H004578-1-WEB	for circuit 1	$489.95
H004578-2-WEB	for circuit 2	$489.95
H004578-3-WEB	for circuit 3	$489.95
H004578-4-WEB	for circuit 4	$489.95
H004578-5-WEB	for circuit 5	$489.95
H004578-6-WEB	for circuit 6	$489.95

Wireless Indoor Strobes

Each Wireless Strobe is factory set to one of the wired signal circuit relays in the system controller. The part number will indicate which circuit of the system controller the strobe is configured to (i.e. H004580W-1 is set to circuit 1; H004580W-2 is set to circuit 2).

The siren has 32 user selectable tones. The volume is user selectable between 85dB or 100dB.

Part No.	Description	Each
H004580?-1-WEB	for circuit 1	$427.95
H004580?-2-WEB	for circuit 2	$427.95
H004580?-3-WEB	for circuit 3	$427.95
H004580?-4-WEB	for circuit 4	$427.95
H004580?-5-WEB	for circuit 5	$427.95
H004580?-6-WEB	for circuit 6	$427.95

Part Number Description

H004580W-1-WEB = Wireless strobe, white lens for circuit 1

Wireless Strobe } Lens Color* } Circuit Number=1-6

■**Note:** White lens standard

***Lens Colors**

Replace the ? in the part number with the letter of the color ordering. i.e. H004580A-1 is an Amber lens for circuit 1

A=Amber B=Blue G=Green
R=Red W=White

Note: All products on this page available in 120vac only.

SiteSync IQ System Controller w/Ethernet option

Application Example

Order Desk open 7:30 a.m. to 5:00 p.m. CST—Monday-Friday

The Power of Protection

Protect your wireless system controller from voltage spikes and keep it functioning during power outages by using this Battery Backup with Surge Protection unit.

We recommend this unit be purchased with every SiteSync IQ® Wireless System Controller.

- Batteries provide approximately 60 minutes of backup power
- Eight surge protected outlets, four with battery backup

Battery Backup with Surge Protection
H002717A

H002717A

H002647

H004100 and H004137

H004292

H001233

Part Number	Description	Features and Dimensions	Warranty	Each
H002717A-WEB	Battery backup with surge protection	11¼"h x 7"w x 3⅜"d	1 year	$139.95
H002647-WEB	Wall mount shelf	16-gauge steel, 100 pound maximum, 8¼"h x 18¼"w x 14"d	1 year	$85.95
H004100-WEB	Rack mount kit	For System Controllers-Kit Includes: 2 Ears – black, 18 gauge powder coated steel; 8 screws; 1 Installation instruction sheet	N/A	$24.95
H004137-WEB	Rack mount kit	For Remote Transmitter-Kit Includes: 2 Ears – black, 18 gauge powder coated steel; 8 screws; 1 Installation instruction sheet	N/A	$24.95
H004292-WEB	Battery signal indicator	Battery operated handheld unit to test the wireless signal of the system controller	2 years	$159.95
H001233-WEB	Antenna mounting bracket	Convenient mounting space for the magnetic mount transmitting and GPS antennas	1 year	$15.95

Special Applications

Hospitals mount the Remote Receiver outside a shielded room and connect a clock with an RJ45 telephone cable. This insures that every clock in the hospital displays the exact same time.

Call a Wireless Clock Expert today at 866-748-3796 for more information.

AA Lithium Batteries

Quantity Pricing

H001290-WEB

1-49	$2.95ea.
50-99	$2.85 ea.
100+	$2.75 ea.

Security Bracket
H001141

Security Bracket
H004734

Security Bracket
H001241

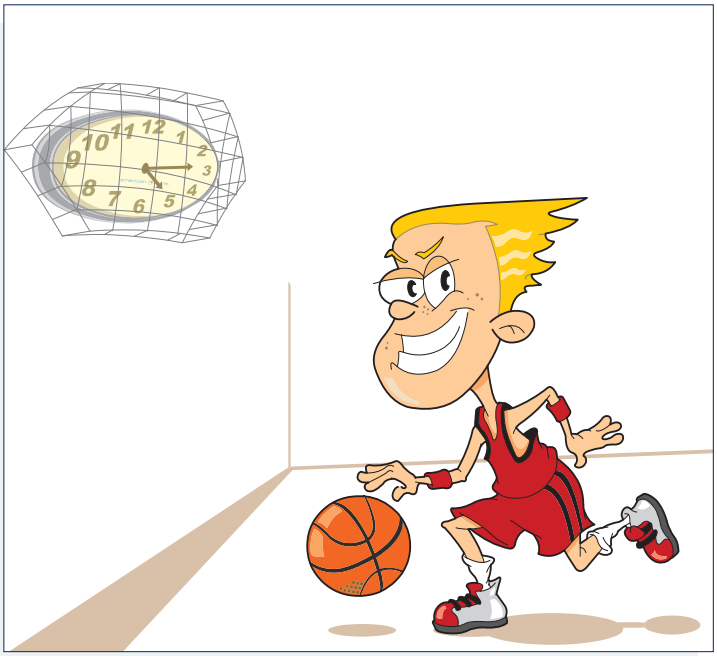
Security Bracket
H004061

Part Number	Description	Features	Common Uses	Each
H001141-WEB	Clock security bracket	Tamper-resistant, for use with American Time 12" plastic, surface mounted battery clocks	Analog clocks	$3.95
H004734-WEB	Clock security bracket	Tamper-resistant, for use with American Time 15" plastic, surface mounted battery clocks	Analog clocks	$5.95
H001241-WEB	Clock security bracket	Tamper-resistant, for use with American Time 12" steel, surface mounted battery clocks	Analog clocks	$4.95
H004061-WEB	Clock security bracket	Tamper-resistant, for use with American Time 15" steel, surface mounted battery clocks	Analog clocks	$5.95

Guard the Clock

Kids and mischief. Clocks and guards. Some things just go together.

You invest time and money in the installation of wireless clocks that can easily be damaged if not properly protected. Protect your investment with wire clock guards built to withstand years and years of use.

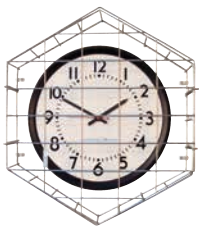


- Hinged for easy access
- Open face for clear viewing
- 6 and 8 gauge rods

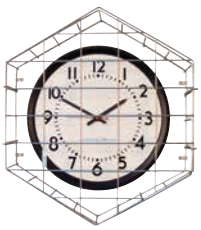
See all of our Clock Guards on pages 188-190

Tom Nelson
American Time Sales Engineer

"A maintenance man told me his school had installed an emergency exit sign right above the door to the boy's locker room. A good luck tradition for the football players was to slap the sign with their helmet every time they entered the locker room, so that sign took a real beating. They installed one of our wire guards to protect it, and that solved the problem. Now both the wire guard and the exit sign look just as good as the day they were installed."



Clock Guard 1200



Clock Guard 1500

Clock Guard G2091

Clock Guard G2093

Clock Guard G20550F-28

Part Number	Dimensions	Description	Common Uses	Each
1200-WEB	15½" dia. x 4¾"d	Hinged front clock guard, fits 12" round analog clocks,	Analog clocks	$54.95
1500-WEB	19½" diameter x 4¾"d	Hinged front clock guard, fits 15" round and 12" square analog clocks	Analog clocks	$59.95
G2091-WEB	7¼" x 16½" x 5"d	Open face guard; front opening 10¾" x 4¾"	Digital clocks	$49.95
G2093-WEB	7½" x 20½" x 4¾"d	Open face guard; front opening 10¾" x 4¾"	Digital clocks	$54.95
G20550F-WEB	9" x 27" x 4"d	Open face guard; front opening 24" x 6"	Large digital clocks	$99.95

SiteSync IQ® Wireless Battery Clocks

Molded Case Analog Series

Dial Style 04

The SiteSync IQ Wireless Analog Clock Series offers a selection of clocks to match a wide variety of application requirements. These clocks have durable cases, safety crystals, and highly visible dial styles, providing years of maintenance-free service.

These clocks are intended for use with a SiteSync IQ Wireless Clock System.

- Wireless time synchronization
- Built-in ultra-sensitive UHF receiver for facility wide signal reception
- Automatic Daylight Saving Time adjustment
- Provides accurate time during power loss
- "Plug and Play" installation, No manual adjustment necessary!
- Impact-resistant black plastic case with hanger
- Shatter-resistant polycarbonate crystal
- Battery Booster uses four or six AA lithium batteries *(included)*

Note: Power source is only as good as the weakest battery. For best performance use all new batteries.

2 Year Warranty

customer favorite

Molded Case **Battery** **w/battery booster**

Model No.	Description	Each
SQ46BADD304BP-WEB	10" Black Round Surface	$129.95
SQ45BADD?04BP-WEB	10" Black Round Flush	$129.95
SQ56BADD304BP-WEB	12" Black Round Surface	$129.95
SQ55BADD?04BP-WEB	12" Black Round Flush	$129.95
SQ93BADD204BP-WEB	12" Black Round DD wall	$279.95
SQ92BADD204BP-WEB	12" Black Round DD ceiling	$279.95
SQ66BADD304BP-WEB	15" Black Round Surface	$154.95
SQ65BADD?04BP-WEB	15" Black Round Flush	$154.95
SQ63BADD204BP-WEB	15" Black Round DD wall	$309.95
SQ62BADD204BP-WEB	15" Black Round DD ceiling	$309.95

Attractive black textured finish

Order Notes:

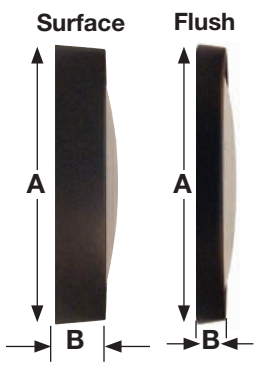
If flush mounting in an existing backbox, change the ? in the Model No. to specify correct hanger type from the list below:

1=National Time 5=Simplex®, Dukane, Lathem
6=Cincinnati/Edwards, Faraday, Honeywell 8=Standard™ Electric
DD = double dial

The full Battery Booster included with these clocks "boosts" the battery life, putting an end to the yearly job of changing batteries!

H002742R used in 10" clock. Boosts battery life for up to 5 years!
Uses four AA lithium batteries *(included)*

H004600R used in 12" & 15" clocks. Boosts battery life for 5+ years!
Uses six AA lithium batteries *(included)*



Clock Dimensions	Surface		Flush	
Dial Size	A	B	A	B
10"	10⅜"	2½"	9⅞"	1⅜"
12"	13¼"	2½"	13¼"	2"
15"	16"	2½"	16"	2"

SiteSync IQ® Wireless Battery Clocks

Steel Case Analog Series

The classic white analog dial make this series the perfect choice for classrooms, offices, libraries and more.

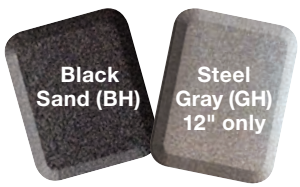
These clocks are intended for use with a SiteSync IQ Wireless Clock System.

- Wireless time synchronization
- Automatic Daylight Saving Time adjustment
- Built-in ultra-sensitive UHF receiver for facility wide signal reception
- Durable steel case
- Convex glass crystal
- Provides accurate time during power loss
- Battery Booster uses four or six AA lithium batteries *(included)*

2 Year Warranty

Dial Style 04

Color Selection



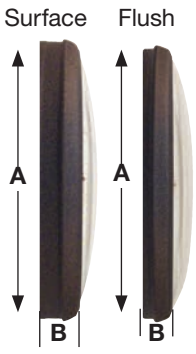
Black Sand has a matte finish, and Steel Gray has a smooth satin finish.

Steel Case **Battery** w/battery booster

Model No.	Description	Each
SQ45BHDD?04BP-WEB	10" Black Round Flush	$159.95
SQ54BHDD904BP-WEB	12" Black Round Surface	$159.95
SQ55BHDD?04BP-WEB	12" Black Round Flush	$159.95
SQ57BHDD904BP-WEB	12" Black Square Surface	$169.95
SQ58BHDD?04BP-WEB	12" Black Square Flush	$169.95
SQ53BHDD204BP-WEB	12" Black Round DD Wall	$369.95
SQ52BHDD204BP-WEB	12" Black Round DD Ceiling	$369.95
SQ64BHDD904BP-WEB	15" Black Round Surface	$179.95
SQ65BHDD?04BP-WEB	15" Black Round Flush	$179.95
SQ63BHDD204BP-WEB	15" Black Round DD Wall	$399.95
SQ62BHDD204BP-WEB	15" Black Round DD Ceiling	$399.95

Order Notes: Change the BH in the part number to GH to select Steel Gray color (12" only). All 10" & the 15" flush are available in black only. Colors shown opposite. Change the 04 to select a different dial style.
DD = Double dial
If flush mounting in an existing backbox, change the ? in the Model No. to specify correct hanger type from the list below:
1=National Time 5=Simplex®, Dukane, Lathem
6=Cincinnati/Edwards, Faraday, Honeywell
8=Standard™ Electric

Clock Dimensions	Surface		Flush	
Dial Size	A	B	A	B
Round				
10"	11¼"	2¼"	11¼"	1⅝"
12"	13¼"	2¼"	13¼"	1⅝"
15"	16¼"	2¼"	16"	1⅝"
Square				
12"	12⅝"	3¼"	12⅝"	1¼"



Weather-Resistant Steel Case Analog Series

These wireless weather-resistant battery clocks are designed to be durable, dependable and easy-to-read. The movements are enclosed in a plastic cover to protect against dust and moisture. The Battery Booster *(included)* means **5+ years of maintenance-free** service.

These clocks are intended for use with a SiteSync IQ Wireless Clock System.

- Wireless time synchronization
- Automatic Daylight Saving Time adjustment
- Durable steel case with black matte finish
- Dials are UV screen-printed Plexiglass
- Shatter-resistant Plexiglass crystal
- Battery Booster uses six AA lithium batteries *(included)*

1 Year Warranty

Dimensions shown above.

Dial Style 04

Steel Case **Battery** w/battery booster

Model No.	Size	Each
SQ54BWDD904BP-WEB	12"	$194.95
SQ64BWDD904BP-WEB	15"	$224.95

SiteSync IQ® Decorative Wireless Battery Clocks

Wood Case Analog Series

Dial Style 04

Traditional materials meet modern timekeeping technology in wood case wireless clocks perfect for a conference room, library or office. Available in your choice of two colors and two sizes.

- Battery Booster *(included)* means no batteries to change for 5+ years
- Battery Booster uses six AA lithium batteries *(included)*
- Size: Dial - 12" dia. Overall - 15¾" dia. × 2½"deep
- Size: Dial - 15" dia. Overall - 18½" dia. × 2½"deep

2 Year Warranty

Wood Case **Battery** w/battery booster

Model No.	Description	Each
SQ55LODD304BP-WEB	12" Light oak, dial style 04	$209.95
SQ55MADD304BP-WEB	12" Mahogany, dial style 04	$209.95
SQ65LODD304BP-WEB	15" Light oak, dial style 04	$229.95
SQ65MADD304BP-WEB	15" Mahogany, dial style 04	$229.95

Light Oak Case

Mahogany Case

Small Wood Case Analog Series

Light Oak
Dial Style 55

Mahogany
Dial Style 37

The conference room, library or auditorium may require the dressed-up look of these smaller wireless wood clocks. These clocks are intended for use with a SiteSync IQ Wireless Clock System.

- Battery Booster *(included)* means no batteries to change for up to 5 years
- Battery Booster uses four AA lithium batteries *(included)*
- Size: Dial - 7¾" dia. Overall - 11¾" dia. × 1"deep

2 Year Warranty

Wood Case **Battery** w/battery booster

Model No.	Description	Each
SQ35LODD355BP-WEB	Light oak, dial style 55	$139.95
SQ35MADD337BP-WEB	Mahogany, dial style 37	$139.95

The affordable solution for your timekeeping needs!

SiteSync IQ® Decorative Wireless Battery Clocks

Aluminum Case Analog Series

Get facility-wide signal reception through an ultra-sensitive UHF receiver, all beautifully displayed in an aluminum case.

The classic dial design is easy to read and the clock complements any office, library or conference room decor.

- Wireless time synchronization
- Built-in ultra-sensitive UHF receiver for facility wide signal reception
- Automatic Daylight Saving Time adjustment
- Battery Booster uses six AA lithium batteries *(included)*
- Size: Dial - 12" dia. Overall - 13⅜" dia. × 2⅝"deep
- Size: Dial - 15" dial. Overall - 16¼" dia. × 2⅝"deep

2 Year Warranty

Dial Style 04

Aluminum Case	Battery w/battery booster	
Model No.		**Each**
SQ54ALDD304BP-WEB	12", dial style 04	$164.95
SQ64ALDD304BP-WEB	15", dial style 04	$199.95

Personalized dials available on Wirless Clocks. Ask your Clock Expert for details.

Wireless Insert Clocks

Insert clocks (sometimes referred to as fit ups) provide a completely flush profile in a hospital work station or back wall.

Included Battery Booster uses four AA lithium batteries *(included)*

8½" diameter x 1¾"deep

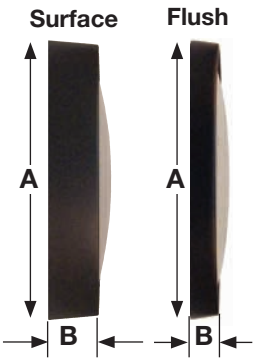
2 Year Warranty

		Battery w/battery booster
Model No.	**Description**	**Each**
SQ35NBAD334BRBP-WEB	Black Ring	$139.95

SiteSync IQ® Wireless AC Clocks

Molded Case Analog Series

Dial Style 04



Clock Dimensions	Surface		Flush	
Dial Size	A	B	A	B
10"	10⅜"	2½"	9⅞"	1⅜"
12"	13¼"	2½"	13¼"	2"
15"	16"	2½"	16"	2"

Other SiteSync® Dial Styles

Dial Style 32

Dial Style 33

Dial Style 35

Dial Style 36

The perfect retrofit for facilities with outdated wired clock systems

Some customers prefer the electric model of SiteSync IQ clocks. They are 120vac or 24vac like a standard electric clock, and have wireless synchronized time like the battery version. This is the perfect solution for anyone who doesn't want the chore of changing batteries.

These clocks are also available in wood and aluminum case models. Please call for model number and pricing.

These clocks are intended for use with a SiteSync IQ Wireless Clock System.

- Wireless time synchronization
- Maintenance-free
- Built-in ultra-sensitive UHF receiver for facility wide signal reception
- Automatic Daylight Saving Time adjustment
- Impact-resistant black plastic case
- Shatter-resistant polycarbonate crystal
- Operates up to one hour during power interruption

5 Year Warranty

Molded Case — 120vac

Model No.	Description	Each
SQ46BAAD304-WEB	10" Round Surface	$149.95
SQ45BAAD?04-WEB	10" Round Flush	$149.95
SQ56BAAD304-WEB	12" Round Surface	$149.95
SQ55BAAD?04-WEB	12" Round Flush	$149.95
SQ93BAAD204-WEB	12" Round DD wall	$354.95
SQ92BAAD204-WEB	12" Round DD ceiling	$354.95
SQ66BAAD304-WEB	15" Round Surface	$164.95
SQ65BAAD?04-WEB	15" Round Flush	$164.95
SQ63BAAD204-WEB	15" Round DD wall	$384.95
SQ62BAAD204-WEB	15" Round DD ceiling	$384.95

Order Notes:

If flush mounting in an existing backbox, change the ? in the Model No. to specify correct hanger type from the list below:

1=National Time 5=Simplex®, Dukane, Lathem
6=Cincinnati/Edwards, Faraday, Honeywell
8=Standard™ Electric

DD = double dial

Security bracket included with 12" & 15" plastic surface clocks

Molded Case — 24vac

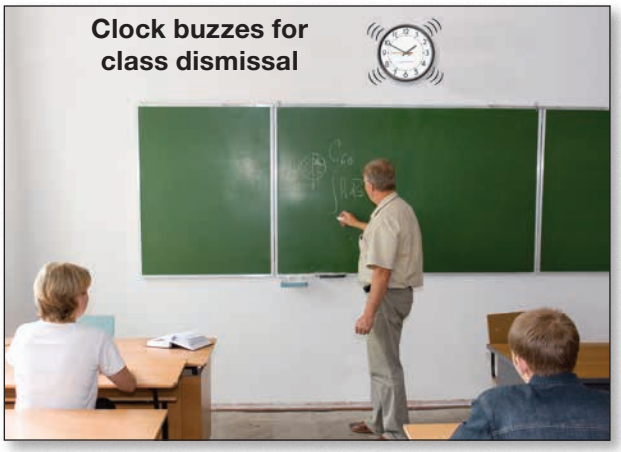
Model No.	Description	Each
SQ46BABD304-WEB	10" Round Surface	$169.95
SQ45BABD?04-WEB	10" Round Flush	$169.95
SQ56BABD304-WEB	12" Round Surface	$169.95
SQ55BABD?04-WEB	12" Round Flush	$169.95
SQ93BABD204-WEB	12" Round DD wall	$394.95
SQ92BABD204-WEB	12" Round DD ceiling	$394.95
SQ66BABD304-WEB	15" Round Surface	$189.95
SQ65BABD?04-WEB	15" Round Flush	$189.95
SQ63BABD204-WEB	15" Round DD wall	$424.95
SQ62BABD204-WEB	15" Round DD ceiling	$424.95

If running 24vac clocks, a step down transformer is necessary. See page 71.

Factory direct pricing from the clock experts!

Molded Case Analog Buzzer Series

Buzzer clocks are perfect for any facility that requires signaling but doesn't have a bell system in place. With a decibel rating of 65 dBA at 10', buzzers are loud enough to hear but not loud enough to startle. Use in classrooms, work areas and cafeterias.



NEW

Dial Style 04

Molded Case 120vac

Model No.	Description	Each
SQ46BAAD304B-WEB	10" Round Surface	$164.95
SQ45BAAD?04B-WEB	10" Round Flush	$164.95
SQ56BAAD304B-WEB	12" Round Surface	$164.95
SQ55BAAD?04B-WEB	12" Round Flush	$164.95
SQ93BAAD204B-WEB	12" Round DD wall	$384.95
SQ92BAAD204B-WEB	12" Round DD ceiling	$384.95
SQ66BAAD304B-WEB	15" Round Surface	$179.95
SQ65BAAD?04B-WEB	15" Round Flush	$179.95
SQ63BAAD204B-WEB	15" Round DD wall	$414.95
SQ62BAAD204B-WEB	15" Round DD ceiling	$414.95

Molded Case 24vac

Model No.	Description	Each
SQ46BABD304B-WEB	10" Round Surface	$184.95
SQ45BABD?04B-WEB	10" Round Flush	$184.95
SQ56BABD304B-WEB	12" Round Surface	$184.95
SQ55BABD?04B-WEB	12" Round Flush	$184.95
SQ93BABD204B-WEB	12" Round DD wall	$424.95
SQ92BABD204B-WEB	12" Round DD ceiling	$424.95
SQ66BABD304B-WEB	15" Round Surface	$204.95
SQ65BABD?04B-WEB	15" Round Flush	$204.95
SQ63BABD204B-WEB	15" Round DD wall	$454.95
SQ62BABD204B-WEB	15" Round DD ceiling	$454.95

Order Notes:

If flush mounting in an existing backbox, change the ? in the Model No. to specify correct hanger type from the list below:

1=National Time 5=Simplex®, Dukane, Lathem
6=Cincinnati/Edwards, Faraday, Honeywell
8=Standard™ Electric

DD = double dial

Each buzzer clock is factory set to one of the six signal circuit relays in the system controller. The circuit number (1-6) must be indicated when placing an order.

If running 24vac clocks, a step down transformer is necessary. See page 71.

2 Year Warranty

Conversion Hanger

Allows use of CFB102, CFB103, CFB104 and CFB106 backboxes with 12" plastic SiteSync IQ clocks

H001184-WEB $2.95

We have a variety of plugs for SiteSync IQ AC clocks. Call 866-748-3796 for details.

Molex Adapter

Plug-in Adapter

90° Plug-in Adapter

Order by Phone
866-748-3796

Order by Fax
800-789-1882

Order Online
american-time.com

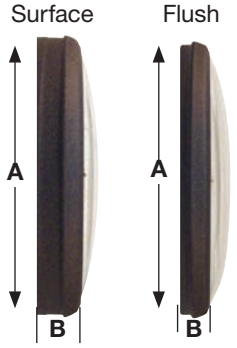
SiteSync IQ® Wireless AC Clocks

Steel Case Analog Series

Dial Style 04

Dial Style 04
Double Dial Wall

Need a buzzer clock? Add B to the end of the model numbers on this page. i.e. SQ54BHAD904B Call for pricing.



Clock Dimensions	Surface		Flush	
Dial Size	A	B	A	B
Round				
10"	11¼"	2¼"	11¼"	1⅝"
12"	13¼"	2¼"	13¼"	1⅝"
15"	16¼"	2¼"	16"	1⅝"
Square				
12"	12⅝"	3¼"	12⅝"	1¼"

These electric clocks have wireless synchronized time like the battery version and are the perfect solution for anyone who doesn't want the chore of changing batteries.

These clocks are intended for use with a SiteSync IQ Wireless Clock System.

- Wireless time synchronization
- Maintenance-free
- Automatic Daylight Saving Time adjustment
- Built-in ultra-sensitive UHF receiver for facility-wide signal reception
- Up to one hour of operation during power outages
- Durable steel case
- Convex glass crystal

5 Year Warranty

Steel Case — 120vac

Model No.	Description	Each
SQ45BHAD?04-WEB	10" Black Round Flush	$179.95
SQ54BHAD904-WEB	12" Black Round Surface	$179.95
SQ55BHAD?04-WEB	12" Black Round Flush	$179.95
SQ57BHAD904-WEB	12" Black Square Surface	$199.95
SQ58BHAD?04-WEB	12" Black Square Flush	$199.95
SQ53BHAD204-WEB	12" Black Round DD Wall	$399.95
SQ52BHAD204-WEB	12" Black Round DD Ceiling	$399.95
SQ64BHAD904-WEB	15" Black Round Surface	$189.95
SQ65BHAD?04-WEB	15" Black Round Flush	$189.95
SQ63BHAD204-WEB	15" Black Round DD Wall	$429.95
SQ62BHAD204-WEB	15" Black Round DD Ceiling	$429.95

Order Notes: Change the BH in the part number to GH to select Steel Gray color (12" only). Colors shown below. All 10" & the 15" flush are available in black only. Change the 04 to select a different dial style. Dial styles shown on page 134 & 135.
DD=Double Dial
If flush mounting in an existing backbox, change the ? in the Model No. to specify correct hanger type from the list below:

1=National Time 5=Simplex®, Dukane, Lathem
6=Cincinnati/Edwards, Faraday, Honeywell
8=Standard™ Electric

Steel Case — 24vac

Model No.	Description	Each
SQ45BHBD?04-WEB	10" Black Round Flush	$199.95
SQ54BHBD904-WEB	12" Black Round Surface	$199.95
SQ55BHBD?04-WEB	12" Black Round Flush	$199.95
SQ57BHBD904-WEB	12" Black Square Surface	$224.95
SQ58BHBD?04-WEB	12" Black Square Flush	$224.95
SQ53BHBD204-WEB	12" Black Round DD Wall	$439.95
SQ52BHBD204-WEB	12" Black Round DD Ceiling	$439.95
SQ64BHBD904-WEB	15" Black Round Surface	$209.95
SQ65BHBD?04-WEB	15" Black Round Flush	$209.95
SQ63BHBD204-WEB	15" Black Round DD Wall	$469.95
SQ62BHBD204-WEB	15" Black Round DD Ceiling	$469.95

If running 24vac clocks, a step down transformer is necessary. See page 71.

Color Selection

Black Sand has a matte finish, and Steel Gray has a smooth satin finish.

Order Desk open 7:30 a.m. to 5:00 p.m. CST—Monday-Friday

The larger indoor models are perfect for gyms and auditoriums. The 18" model has a convex glass crystal and 24" has a Plexiglass crystal. These clocks are intended for use with a SiteSync IQ Wireless Clock System.

Steel Case **120vac**

Model No.	Description	Each
SQ74BHAA989-WEB	18" Black Round Surface	$349.95
SQ84BGAA989-WEB	24" Black Round Surface	$549.95

NEW

2 Year Warranty

24" Dial Style 89

18" Dial Style 89

Dial Size	Clock Dimensions
18"	19"dia × 3¼"d
24"	24½"dia × 4¼"d

Personalized Clocks Enhance Your Image!

Thousands of customers have purchased logo clocks to enhance their facility image. We customize the clocks **FREE** using your artwork when you purchase a complete system or 10+ SiteSync IQ wireless clocks.

The process is easy.

1. Send us your artwork (logo, mascot, facility name, etc.) in Adobe Illustrator EPS or AI file format (vector) or a high resolution (300 dpi) JPG or JPEG file format. We're sorry, but web graphics or low-resolution JPG files (raster) resized to a higher resolution, won't work. Simply put, you won't be happy with the look of a fuzzy image on your clocks.
2. American Time will create an electronic proof of your clock dial and email it to you for final approval.

RASTER
Resized to 300 dpi.
Will not work for logos.

VECTOR
Illustrator EPS or AI
Correct format for logos.

Not Sure Who To Ask For The Logo Artwork?

Your marketing department, yearbook coordinator or district secretary probably have the electronic file you need to supply us. If you have a logo on business cards, stationary or uniforms, chances are someone has vector artwork.

Our experienced customer service reps are here to help make the process easy. Please call them at 866-748-3796 to place your personalized clock order.

SiteSync IQ® Wireless Digital Clocks

Surface clock dimensions:
6½"h x 12½"w x 3"d

Flush clock dimensions:
Front: 8⅜"h x 13⅜"w
Inside: 7½"h x 12½"w x 3¾"d

Model No.	Description - Surface Mount	Each
SQA241RSA-WEB	2.3", 4-digit, 120vac, Molex, red LED	$264.95
SQA241YSA-WEB	2.3", 4-digit, 120vac, Molex, yellow LED	$279.95
SQA241GSA-WEB	2.3", 4-digit, 120vac, Molex, green LED	$349.95
SQA241RSP-WEB	2.3", 4-digit, 120vac, 3-prong plug, red LED	$274.95
SQA241YSP-WEB	2.3", 4-digit, 120vac, 3-prong plug, yellow LED	$289.95
SQA241GSP-WEB	2.3", 4-digit, 120vac, 3-prong plug, green LED	$359.95
SQA241RSB-WEB	2.3", 4-digit, 24vac, Molex, red LED	$284.95
SQA241YSB-WEB	2.3", 4-digit, 24vac, Molex, yellow LED	$299.95
SQA241GSB-WEB	2.3", 4-digit, 24vac, Molex, green LED	$369.95
SQA261RSA-WEB	2.3", 6-digit, 120vac, Molex, red LED	$379.95
SQA261YSA-WEB	2.3", 6-digit, 120vac, Molex, yellow LED	$399.95
SQA261GSA-WEB	2.3", 6-digit, 120vac, Molex, green LED	$499.95
SQA261RSP-WEB	2.3", 6-digit, 120vac, 3-prong plug, red LED	$389.95
SQA261YSP-WEB	2.3", 6-digit, 120vac, 3-prong plug, yellow LED	$409.95
SQA261GSP-WEB	2.3", 6-digit, 120vac, 3-prong plug, green LED	$509.95
SQA261RSB-WEB	2.3", 6-digit, 24vac, Molex, red LED	$399.95
SQA261YSB-WEB	2.3", 6-digit, 24vac, Molex, yellow LED	$419.95
SQA261GSB-WEB	2.3", 6-digit, 24vac, Molex, green LED	$519.95
SQA441RSA-WEB	4", 4-digit, 120vac, Molex, red LED	$299.95
SQA441RSP-WEB	4", 4-digit, 120vac, 3-prong plug, red LED	$309.95
SQA441RSB-WEB	4", 4-digit, 24vac, Molex, red LED	$319.95
CC4DDKITSSIQ-WEB	Double dial kit (requires 2 surface clocks)	$59.95
Model No.	**Description - Flush Mount**	**Each**
SQA261RFA-WEB	2.3", 6-digit, 120vac, red LED	$439.95
SQA261YFA-WEB	2.3", 6-digit, 120vac, yellow LED	$459.95
SQA261GFA-WEB	2.3", 6-digit, 120vac, green LED	$559.95
SQA261RFB-WEB	2.3", 6-digit, 24vac, red LED	$459.95
SQA261YFB-WEB	2.3", 6-digit, 24vac, yellow LED	$479.95
SQA261GFB-WEB	2.3", 6-digit, 24vac, green LED	$579.95
SQA441RFA-WEB	4", 4-digit, 120vac, red LED	$349.95
SQA441RFB-WEB	4", 4-digit, 24vac, red LED	$369.95

customer favorite

- 120vac or 24vac
- Bar segment LED display
- 100% solid state
- Steel case with matte black finish
- 2.3" available with red, yellow or green LEDs
- 4" available with red LED only
- 2.3", 6 digit, 120vac , UL Listed
- Display visible: 250'– 4" digits
  100'– 2.3" digits

2 Year Warranty

Note: These clocks are intended for use with a SiteSync IQ Wireless Clock System.

Large Digital Clocks

6⅛" x 24" x 3½"d

- Displays hours, minutes and seconds
- User selectable 12- or 24-hour time format from SiteSync IQ system controller
- Display visible over 250'
- 3-prong plug model includes a 7' cord
- Black anodized aluminum frame
- 9vdc self-charging Ni-Cad battery backup *(included)*

2 Year Warranty

Note: These clocks are intended for use with a SiteSync IQ Wireless Clock System.

Model No.	Description	Each
SQA461RSA-WEB	4", 6-digit, 120vac, 50/60Hz, Molex	$562.95
SQA461RSP-WEB	4", 6-digit, 120vac, 50/60Hz, 3-prong plug	$572.95
SQA461RSB-WEB	4", 6-digit, 24vac, 50/60Hz, Molex	$587.95
SQA461RSK-WEB	4", 6-digit, 220vac, 50/60Hz, Molex	$597.95

Direct from the factory to you!

SiteSync IQ® Wireless Digital Clocks

Surface Mount Calendar Clocks

- 120vac or 24vac
- Bar segment LED display
- 100% solid state
- Steel case with matte black finish
- Surface mount
- Dimmer available. Please call all for details.

NEW

2 Year Warranty

SQA2M1RSA 6½"h × 12½"w × 3"d

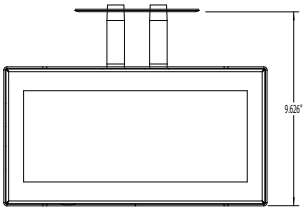
SQA4M1RSA 12½"h × 24"w × 3½"d

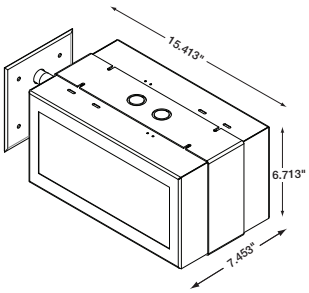
Molex standard. 3 prong plug available for 120vac surface clocks. Please call for details.

Model No.	Description	Each
SQA2M1RSA-WEB*	1.8" hour, 6 digit, 120vac	$429.95
SQA2M1RSB-WEB*	1.8" hour, 6 digit, 24vac	$454.95
SQA4M1RSA-WEB**	4" hour and seconds, 6 digit, 120vac	$1,369.95
SQA4M1RSB-WEB**	4" hour and seconds, 6 digit, 24vac	$1,394.95
CC4DDKITSSIQ-WEB	Double dial kit *(for 1.8" only)*	$59.95

* 1" seconds and .8" date line digits
** 2.3" date line digits

Note: Must order two clocks with double dial kit.





Double Dial Ceiling Mount

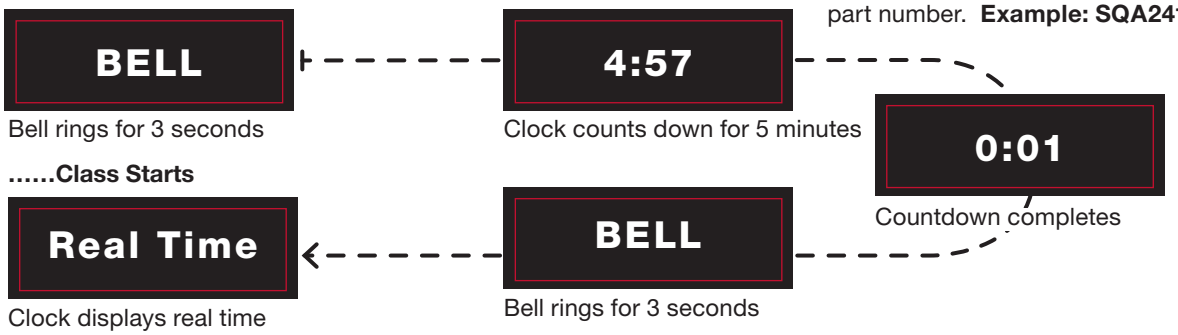
Message/Countdown Clocks

Class changes run smoothly with Bell Countdown clocks. Students can visualize how much time they have to get to their next class. Settings are user selectable through a SiteSync IQ system controller.

With this adder, the digital clock displays "Bell" for a 1-9 second duration. Time counts down for 1-59 minutes. "Bell" is displayed again. The clock returns to real time until the next bell.

Add $20.00 to the price of each clock.
Available as an add-on to American Series digital clocks on page 144 and 145. Add C and the circuit number (1-6) you will be using to the end of the part number. **Example: SQA241RSAC1-WEB**

Class Ends.....



Universal Backbox Cover

Need to cover a large backbox? This backbox plate covers holes up to 12½" x 12½" and includes a clock hanger. It is constructed from 18 gauge steel with a matte black finish.Shown with digital clock *(sold separately)*.

Part No. H004504-WEB $21.95

SiteSync IQ® Wireless Digital ETI Clocks

Digital Elapsed Time Indicators with Code Blue

These clocks are 6 digit multi-function clocks/timers which can be used as an up or down counting elapsed timer with an optional Code Blue trigger. The clocks can function as a 12- or 24-hour stand-alone clock or can be wired as a 12-hour secondary clock for synchronous time. The Code Blue feature is ideal for hospital operating rooms, ICU's, CICU's, laboratories or wherever measuring time is important.

2.3", 6-digit

customer favorite

Surface clock dimensions:
6½"h x 12½"w x 3"d

Flush clock dimensions:
Front: 8⅜"h x 13⅜"w
Inside: 7½"h x 12½"w x 3¾"d

- Count UP timer with audible alarm* and hold
- Count DOWN timer with audible alarm* and hold
- Code Blue activation mode
- Setting and control via the Timer Control Station, mounted up to 30' away using 22 AWG stranded wire with minimum 1/32" thick insulation
- 12 or 24 hour selectable from the SiteSync IQ system controller
- UL Listed
- Battery backup is provided by a 9-volt rechargeable ni-cad battery *(included)*

*Volume not adjustable

Model No.	Description	Each
SQA261RSAE-WEB	ETI surface mount	$414.95
SQA261RFAE-WEB	ETI flush mount	$434.95
ATSTCS-WEB	Timer control station	$139.95
CC4DDKITSSIQ-WEB	Double dial kit	$59.95

Note: Must order two surface clocks with double dial kit.

Specifications

Display: 6-digit bright red LED
Visibility: 100 feet
Character Height: 2.3" Hr./Min. 1" Seconds
Power Requirements: 120vac/60Hz (other voltages optional)
Frame: Matte black steel

2 Year Warranty

ATSTCS
Timer Control Station

4", 6-digit

6⅛" x 24" x 3½"d

NEW

Specifications

Display: 6-digit bright red LED
Visibility: 250 feet
Character Height: 4" minutes, hours and seconds
Frame: Black anodized aluminum

- Multifunction Operating Room/ICU Elapsed Timer
  -Count UP timer with audible alarm and hold
  -Count DOWN timer with audible alarm and hold
  (volume not adjustable)
- 6 digit, red LED indicates hours, minutes and seconds
- All digits are 4" high
- 3-prong plug model includes a 7' cord
- Setting and control via the Timer Control Station using included 20' cable or up to 30' maximum using 22 AWG stranded wire with minimum 1/32" thick insulation
- 12- or 24-hour selectable from the SiteSync IQ system controller
- 9vdc self-charging Ni-cad battery *(included)*

2 Year Warranty

Model No.	Description	Each
SQA461RSAE-WEB	4", 6-digit, 120vac 60Hz, surface, Molex	$753.95
SQA461RSPE-WEB	4", 6-digit, 120vac 60Hz, surface, 3-prong plug	$763.95
SQA461RSBE-WEB	4", 6-digit, 24vac 60Hz, surface, Molex	$778.95
SQA461RSKE-WEB	4", 6-digit, 220vac 60Hz, surface, Molex	$788.95
ATSTCS-WEB	Timer Control Station	$139.95

Note: These clocks are intended for use with a SiteSync IQ Wireless Clock System.

Order Desk open 7:30 a.m. to 5:00 p.m. CST—Monday-Friday

SiteSync IQ® Wireless Digital Clocks

Wireless Digital Message Boards

Communicate quickly and easily with students, staff and visitors. Message Boards fit right in with the SiteSync IQ Wireless Clock System and are controlled wirelessly via the Remote Connect web interface of the SiteSync IQ system controller. Schedule up to 10 messages from any remote static IP address using the Messaging Tab in Remote Connect.

- Real time clock (optional)
- Selectable 12 or 24 hour in real time mode
- Operates with Messaging Tab in Remote Connect
- Non-corrective; manual adjustment via wireless message
- Manually activated buzzer with 9 tones

Specifications

Power Requirements: 120vac, 60Hz

Character Height: 4¾" in single line mode; 2" in two line mode

Size: ATS112 - 28"w x 6¼"h x 2¾"d
ATS120 - 52"w x 6¼"h x 2¾"d

Display: ATS112 - 10 characters in single line mode; up to 40 characters in double line mode
ATS120 - 20 characters in single line mode; up to 80 characters in double line mode

2 Year Warranty

Model No.	Description	Each
ATS112-WEB	24" message board	$895.95
ATS120-WEB	48" message board	$1787.95

Wireless Digital Time Zone Clocks

These Wireless Digital Time Zone Clocks have white vinyl lettering applied below each time zone display. The black, anodized aluminum frame displays up to eight different time zones. All time zones update automatically for Daylight Saving Time. Please specify the locations in order from left to right when placing your order. 15 character maximum per time zone.

These clocks are intended for use with a SiteSync IQ Wireless Clock System.

NEW

- 2.3", 4-digit, 7 segment super bright red LED
- Display visible up to 100'
- Automatic Daylight Saving Time correction with 31 time zones and 27 Daylight Saving selects
- Accuracy ±1 second to SiteSync IQ system controller (syncs every minute)
- Selectable 12- or 24-hour time format
- 3-prong plug model includes a 7' cord
- White vinyl location lettering (maximum 15 characters)
- 9vdc self-charging Ni-Cad battery backup (included)
- Black anodized aluminum frame

2 Year Warranty

Model No.	Zones	Surface Mount Dimensions	Each
SQA241RSATZ2-WEB	2	24" x 6.1" x 3.5"d	$681.95
SQA241RSATZ3-WEB	3	36" x 6.1" x 3.5"d	$913.95
SQA241RSATZ4-WEB	4	48" x 6.1" x 3.5"d	$1,157.95
SQA241RSATZ5-WEB	5	60" x 6.1" x 3.5"d	$1,479.95
SQA241RSATZ6-WEB	6	72" x 6.1" x 3.5"d	$1,722.95
SQA241RSATZ7-WEB	7	84" x 6.1" x 3.5"d	$2,042.95
SQA241RSATZ8-WEB	8	96" x 6.1" x 3.5"d	$2,560.95

Time Zone clocks are custom made.
Orders cannot be cancelled or returned.

Order Notes:
***** determines operating voltage and power plug type.**
Replace RSA with:
RSA = 120vac, 50/60Hz with Molex connector—**See Table**
RSP = 120vac, 50/60Hz with 3-prong plug — **Add $10.00**
RSB = 24vac, 50/60Hz with Molex connector—**Add $25.00**
RSK = 220vac, 50/60Hz with Molex connector—**Add $35.00**
Example Clock Model No.
SQA241RSBTZ4 - 4 zone, 24vac with Molex

Order by Phone **866-748-3796**
Order by Fax **800-789-1882**
Order Online **american-time.com**

Lathem AIRTIME® Wireless Clock System

Wireless Master Transmitter

Schools, universities, airports and businesses rely on accurate synchronized time to operate effectively. AIRTIME transceivers are available in a size to meet any application and provide an array of reliable time reference sources. You choose the size and time source that suits your business needs and Airtime does the rest!

ATX Mini Transceiver

ATX

Designed for small offices, stores or work areas, the ATX mini-transceiver is a cost effective solution for smaller environments.

- Synchronizes to NIST atomic clock via WWVB radio and transmits time to wall clocks and other AirTime family products via UHF radio signal
- Battery operated and wireless transceiver is user installable
- Includes 2 lithium CR123A batteries; battery life is 5 years *(optional, maintenance-free AC adaptor sold separately)*
- Standard power 1mW radio transmission covers 150' radius *(additional units will extend coverage beyond 150')*
- Automatic Daylight Saving Time adjustment
- Dimensions: 6.5"h × 3.8"w × 2"d
- Separate FCC licensing is not required
- FCC Part 15 Compliant

Model No.	Description	Each
ATX-WEB	Transceiver	$248.95
VIE1800-WEB	Optional AC power adaptor	$34.95

1 Year Warranty

ATX6 Transceiver

ATX6-J15 $2,032.95

Designed for large school buildings, airports and hospitals, the ATX6 transceiver supports over 500,000 square feet of signal coverage. Choose WWVB radio signal *(atomic clock)*, Ethernet, GPS or its own internal clock as your time source.

- Powerful 6 watt radio transmitter covers 500' radius *(up to 700,000 sq. ft.)* indoors *(depending on building structure)* and one mile outdoors *(depending on terrain)*
- Internal real time clock provides accuracy of ±2 minutes per year
- Automatic Daylight Saving Time adjustment
- Precision time options: synchronize to your choice of WWVB *(requires ATX)*, GPS *(requires ATX-GPS)*, LAN/Ethernet, ATX6 internal source or from your building's existing wired system
- Provisions to correct with LAN via Ethernet or other AT transceivers via radio signals
- Internal dry contact allows time synchronization (send or receive) with external systems (ex. intercom, wired master controls)
- RS485 input or output port allows synchronization with other Lathem signal devices or wired clock systems
- Dimensions: 9"h × 5.2"w × 3.2"d
- Separate FCC licensing is not required
- FCC Part 15 and Part 90 Compliant

Model No.	Description	Each
ATX6-WEB	Transceiver	$2,032.95
Accessories		
AT20WT-WEB	High power amplifier	$2,359.95
AT-ANTOD-WEB	High power outdoor antenna	$215.95
AT-CBL100-WEB	100' RG8/50 ohm cable (required for AT-ANTOD)	$402.95
AT-ANTHP-WEB	High power indoor antenna	$238.95
ATSYNC-KIT-WEB	Ethernet time sync kit	$312.95
ATX-GPS-WEB	GPS time sync kit	$266.95
AT-MSX-WEB	Wireless sync device	$271.95

1 Year Warranty

UL Listed

Factory direct pricing from the clock experts!

Wireless Analog Battery Clocks

- Wireless time synchronization
- Automatic Daylight Saving Time adjustment
- "Plug and Play" installation. No manual setting required.
- Impact resistant ABS plastic case or heavy-gauge steel case with glass crystal
- Plastic flush clocks have a metal trim ring and hanger bracket to retrofit existing wall boxes and speaker baffles
- Surface clocks have maze slot hanger
- Use two AA lithium batteries *(included)*
- 5 year battery life
- FCC Part 15 Compliant

1 Year Warranty

Wireless electric clocks also available. Call for pricing.

Model No.	Description	Each
Plastic		
AT12RP-WEB	12" plastic, surface, black	$162.95
AT12RP-T-WEB	12" plastic, flush, black	$174.95
Steel		
AT12RM-WEB	12" steel, surface, black	$174.95
AT15RM-WEB	15" steel, surface, black	$232.95
AT12RD-WEB*	12" steel, DD, black	$466.95
AT15RD-WEB*	15" steel, DD, black	$583.95

Notes:
DD=double dial
*Supplied with adaptor plate for wall or ceiling mounting

Wireless Digital Wall Clocks

These bright LED-digital clocks are ideal for large areas of a building (long hallways, large manufacturing areas, etc.) because they're viewable over 100' away.

- Wireless time synchronization
- Automatic Daylight Saving Time adjustment
- 12 hour time format with pm indicator
- Easy setup with two buttons on the front panel
- Two buttons on the front panel provide user setup
- AC power is required to operate the display
- Two keyholes and two separate holes are provided on back panel for wall mounting. All hardware is provided for most installations
- Dimensions: 6¾"h × 15½"w × 3⅛"d
- FCC Part 15 Compliant

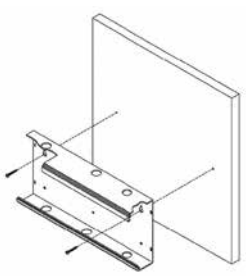
1 Year Warranty

UL Listed

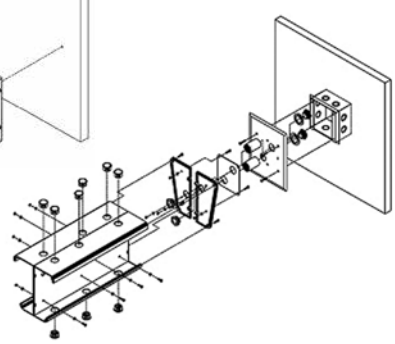
Model No.	Description	Each
ATDDC4-WEB	4", 4 digits, 120vac	$355.95
SAM0625-WEB	Double dial wall kit*	$139.95
SAM0626-WEB	Double dial ceiling kit*	$98.95
VSE0050-WEB	Power cord	$22.95

*Requires two ATDDC4 clocks

Surface Mounting



Double Dial Mounting Kit



Midwest Time Wireless Clock Systems

Wireless Master Transmitter

The MidWest Time Wireless Master Clock/Transmitter (WIC-100) may be used as a stand-alone transmitter or an interface to an existing MidWest Time Control wired system.

The WIC-100 is a cost effective way to add clocks in a building and avoid the expense of running wires.

When installed as a stand-alone system, the WIC-100 will correct wireless secondary clocks to the time manually set on the WIC-100. When installed as an interface clock to an existing system, the WIC-100 will accept the clock correction signal, synchronize to that system and output a wireless signal to the wireless clocks, ensuring that all clocks on both systems show the same time.

WIC-100-WEB **$1,029.95**

- Synchronizes both analog and digital wireless clocks
- A battery backup maintains the time during power failures
- Automatic Daylight Saving Time correction
- Desk or wall mount

Plastic Case Analog

AWC-BAT-S21-WEB **$179.95**

- ABS plastic case
- 12" dial diameter; 13 3/16" case diameter × 3" deep
- Clocks use two D batteries *(included)*

1 Year Warranty

All products on pages 150 and 151

Plastic Case Digital

- Selectable 12 or 24 hour display
- High impact ABS plastic housing; black finish
- Surface mount on single or double gang outlet box
- Line synchronous timing

DWC-200-115

DWC-200-115-WEB **$359.95**
- 2½" 4 digit, red LED display
- Highly visible from 35'
- 5¼"h × 10½"h × 3⅜"d

DWC-300-115

DWC-300-115-WEB **$509.95**
- 4", 4 digit, red LED display
- Manual time set buttons
- Highly visible from 100'
- 7¾"h × 12¾"w × 3½"d

DWC-306-115

DWC-306-115-WEB **$579.95**
- 4", 4 digit hour and minute; 2.3" seconds, red LED display
- Manual time set buttons
- Highly visible from 100'
- 7¾"h × 17½"w × 3½"d

Order Desk open 7:30 a.m. to 5:00 p.m. CST—Monday-Friday

Primex Wireless Clock System

Wireless Master Transmitter

- GPS receiver included
- 1 watt transmission
- 72 MHz frequency
- Daylight Saving Time bypass switch
- Time zone adjustment switch
- LCD display shows time, date and signal verification

Specifications
Housing: Black metal case
Antenna: 46" high, mounted on top of the master transmitter
Power Supply:
Input: 120vac 50/60Hz 0.4 amp
Output: 9vdc 1.5 amp (6' cord)
Dimensions: 16" × 12" × 1⅞"d

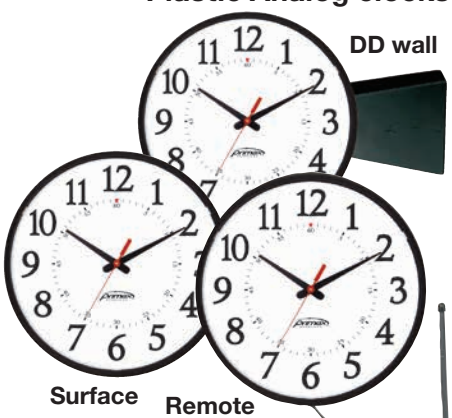
Model No.	Description	Each
14143-WEB	Transmitter w/rack & UPS battery backup	$2,799.95
14144-WEB	Satellite transmitter w/rack and UPS battery backup	$2,799.95
14000-WEB	Transmitter w/One Year Warranty Package	$2,699.95
14006-WEB	Satellite (Repeater) transmitter with One Year Warranty Package	$2,699.95
14997-WEB	FCC License (required)	$325.95

Plastic Analog clocks

Satellite clocks automatically adjust at Daylight Saving Time, eliminating the need for manual adjustment by the staff. T he ability to run maintenance-free for up to five years ensures worry-free operation.

- Five year maintenance-free battery life
- Automatic adjustment for Daylight Saving Time with optional on/off switch
- High impact polycarbonate case and crystal
- 9" models use two C alkaline batteries *(sold separately)*
- 12½" & 16" models use two D alkaline batteries *(sold separately)*

Model No.	Description	Each
14280-WEB	9", surface	$144.95
14155-WEB	12½", surface	$168.95
14164-WEB	12½", DD wall	$354.95
14163-WEB	16", surface	$206.95
14240-WEB	12½", surface, water resistant	$243.95
14244-WEB	12½", surface, remote antenna	$237.95



The remote antenna clock is great for use in rooms with instruments that are shielded from radio frequencies. The clock can be installed inside the room and connected by a 15' shielded cable with a 12.4" antenna that is located outside the RF-shielded area.

Digital Clocks

- Highly visible 7-segment, red LED digits
- Selectable 12 or 24-hour time display
- LED dimmer option (75%, 50%, 25%)

Models listed are red LED display. Green LED display available. Call for model no. and pricing.

Specifications
Housing: Black plastic case
Power Supply:
Input: 120vac, 50/60Hz, UL/cUL listed power supply

Model No.	Digit Size	Description	Each
4 DIGIT 120vac			
XRA7A200-WEB	2.5"	Single, 5"h × 10¾"w × 2½"d	$349.95
XRA7A425-WEB	2.5"	Double, wall, 5⅝"h × 13¾"w × 6 13⁄16"d	$734.95
XRA7A426-WEB	2.5"	Double, ceiling, 8⅝"h × 11 5⁄16"w × 6 13⁄16"d	$734.95
XRA7A201-WEB	4"	Single, 8"h × 18"w × 3"d	$439.95
XRA7A423WALL-WEB	4"	Double, wall, 8¾"h × 22⅛"w × 8½"d	$959.95
XRA7A423CEILING-WEB	4"	Double, ceiling, 12⅛"h × 18¾"w × 8½"d	$959.95
6 DIGIT 120vac			
XRA7A202-WEB	2.5"	Single, 6¼"h × 18¼"w × 1⅜"d	$519.95
XRA7A431-WEB	2.5"	Double, wall, 5⅝"h × 17⅜"w × 6 13⁄16"d	$994.95
XRA7A432-WEB	2.5"	Double, ceiling, 8⅝"h × 14 5⁄16"w × 6 13⁄16"d	$994.95
XRA7A203-WEB	4"	Single, 8¼"h × 24¼"w × 1⅜"d	$739.95

Note: Include 10' cord with plug connector.

Single-sided

Double-sided ceiling mount

Double-sided wall mount *(6 digit available in 2.5" digit only)*